



NARAJOLE RAJ COLLEGE

(NAAC Accredited B grade)

NARAJOLE: PASCHIM MEDINIPUR: PIN-721211

Contact No.9933881131 E-Mail Id. narajolerajcollege@rediffmail.com



FACULTY PROFILE

BASIC PROFILE

Name : DR. POULAMI ADHIKARY MUKHERJEE
Designation : ASSISTANT PROFESSOR
Department : ZOOLOGY
Unique ID :
E-mail : poulamiadhikary@gmail.com
Contact No : 9831020028
Academic Qualification : M. Sc, MCA, M. Phil, Ph. D
Gender : FEMALE
Blood Group : O+
Permanent Address: 128/19 HAZRA ROAD, KOLKATA- 700026



Poulami Adhikary Mukherjee

SERVICE HISTORY

Year of Joining	07-11-2019
Previous Employment, if any	3 years of teaching experience as Guest Lecturer in the Department of Zoology, Jogamaya Devi College, University of Calcutta
Experience in Teaching	3 years
Area of Teaching:	Classical Zoology, Ecology, Environmental Science, Evolution, Genetics, Developmental Biology and Biotechnology
Area of Specialization:	Plant Ecology-Entomology, Allelochemicals and Insect Ecology
Participation in Administrative activities: N/A	

RESEARCH PROFILE

Area of Research Interest :	Plant Ecology-Entomology and Allelochemicals, Insect Ecology, Chemical Ecology, Behavioral Ecology, Aquatic Ecology and Acarology.
Research Experience (if any)	6 years of Research Experience in the field of Insect-Plant Seed interactions and its allelochemicals.



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Conference/Seminar/ Workshop: Title	Year	Role	Organizer
1. GOLDEN JUBILEE INTERNATIONAL SEMINAR on “Researches in Zoology – Basic and Applied”	March 17-19, 2010	Participant	Department of Zoology, The University of Burdwan, Burdwan
2. UGC Sponsored National Workshop on “Understanding Biodiversity: Assessment, Analysis and Conservation”	February 25-26, 2011	Participant	Department of Zoology, Maulana Azad College, University of Calcutta, Kolkata
3. UGC Sponsored National Workshop on “Techniques of Biodiversity assessment and analysis”	February 27, 2011	Participant	Department of Zoology, Maulana Azad College, University of Calcutta, Kolkata
4. UGC sponsored National Seminar on “Challenges of Biology in the 21 st Century” Paper Title: “Effect of Temperature on bionomics of <i>Callosobruchus maculatus</i> (F.)”	December 02, 2011	Presenter	Department of Botany, MUC Women’s College, The University of Burdwan, Burdwan
5. One-day Seminar on “Aquaculture & Probiotics”	December 07, 2011	Participant	Department of Zoology, The University of Burdwan, Burdwan
6. One-day Seminar on “Trends in Cancer Research”	January 13, 2012	Participant	Department of Zoology, The University of Burdwan in association with The Zoological Association of Burdwan, Burdwan
7. UGC sponsored State Level Seminar on “Animal Ecology and Behaviour” Paper Title: “Effect of Temperature on Biology of <i>Callosobruchus maculatus</i> (F.)”	February 11, 2012	Presenter	Department of Zoology, Hooghly Mohsin College, The University of Burdwan, Burdwan
8. One-day Seminar on “Frontiers in Molecular	July 09, 2012	Participant	Department of Zoology, The University of



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<p>Biology and Workshop on Basic Flowcytometry”</p> <p>9. UGC-DRS sponsored National Seminar on “Bioprospecting of Natural Products” Paper Title: “Role of surface wax alkanes from <i>Lathyrus sativus</i> L. seeds for attraction of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae)”</p>	<p>December 05-06, 2013</p>	<p>Presenter</p>	<p>Burdwan supported by DST – PURSE, Burdwan Department of Zoology, The University of Burdwan, Burdwan</p>
<p>10. 21st West Bengal State Science and Technology Congress- 2014 Paper Title: “Surface wax alkanes from <i>Lathyrus sativus</i> L. seeds for attraction of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae)”</p>	<p>February 20-21, 2014</p>	<p>Presenter</p>	<p>Department of Zoology, The University of Burdwan, Burdwan</p>
<p>11. Group Monitoring Workshop under WOMEN SCIENTIST SCHEME of Department of Science & Technology, Government of India, New Delhi Paper Title: “Evaluation of food value of different seed varieties of <i>Lathyrus sativus</i> L. in West Bengal with <i>Callosobruchus maculatus</i> (F.) resistance”</p>	<p>July 24-26, 2014</p>	<p>Presenter</p>	<p>Department of Science & Technology, Government of India, New Delhi</p>
<p>12. International Conference INTZOOCON 2018 Paper Title: “Attraction of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Bruchidae) to four varieties of <i>Lathyrus sativus</i> L. seed volatiles”</p>	<p>February 1-3, 2018</p>	<p>Presenter</p>	<p>Department of Zoology, University of Calcutta, Kolkata</p>



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<p>13. UGC-CPE sponsored International Conference on “Facets of Basic Sciences & Applications (FBSA)” Paper Title: “Study on the Bionomics and Polymorphism of <i>Callosobruchus maculatus</i> (F.) (Coleoptera: Chrysomelidae: Bruchinae) feeding on four varieties of <i>Lathyrus sativus</i> L. seeds”</p>	February 5-7, 2018	Presenter	IQAC & Departments of Botany, Chemistry, Computer Science, Electronics, Mathematics, Micro-Biology, Physics, Statistics and Zoology, Bijoy Krishna Girls’ College, Howrah
<p>14. University level workshop on “Use of ICT in Teaching, Learning and Administrative Processes & Development of E-Learning Module”</p>	September 22, 2018	Participator	IQAC, Syamaprasad College, University of Calcutta, Kolkata
<p>15. University level workshop on “A Revisit to the Teaching Learning Methodologies in Environmental Studies”</p>	February 27, 2019	Participator	Netaji Nagar College for Women, University of Calcutta, Kolkata
<p>16. International Seminar on “Elements of Periodic Table in the Chemical Avenues of Biological World” Paper Title: “Microbes in nutrient cycling of Midnapore coastal belt, West Bengal, India”</p>	December 17, 2019	Presenter	Department of Chemistry in collaboration with the Department of Zoology, South Calcutta Girls’ College, University of Calcutta, Kolkata
<p>17. Two-day International Seminar on “Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences” Paper Title: “Comparative study on biochemical composition of three edible marine mollusks of Midnapore coastal belt,</p>	January 8-9, 2020	Presenter	Department of Chemistry, Surendranath College, University of Calcutta, Kolkata



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West Bengal, India”			
18. Two-day International Conference on “Climate Change: Impact, Management, Law and Policy Formulation” Paper Title: “Global Dimming: A global perspective on darkening problem”	January 17-18, 2020	Presenter	Centre for Regulatory Studies, Governance and Public Policy, The West Bengal National University of Juridical Sciences, Kolkata in collaboration with Techno India University, West Bengal held at WBNUJS, Kolkata
19. Two-day International Seminar on “Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences” Paper Title: “Microbes in nutrient cycling of Midnapore coastal belt, West Bengal, India”	February 11-12, 2020	Presenter	Department of Zoology, University of Calcutta in collaboration with The Zoological Society, Kolkata and Trisomy 21 Research Society, Netherlands

Projects completed:

Title	Funding Agency	Year	Amount (Rs.)
Evaluation of food value of different seed varieties of <i>Lathyrus sativus</i> L. in West Bengal with <i>Callosobruchus maculatus</i> (F.) resistance	Women Scientist Scheme-A (WOS-A) sponsored by Department of Science and Technology (DST), Ministry of Science and Technology Scientists Project, Government of India	June, 2012 to June, 2015	Rs. 14,88,000/-

Involvement in Academic/ Professional Organizations: N/A
SUPERVISOR : N/A
ADJUDICATOR : N/A



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REVIEWER : N/A

Involvement in Academic/ Professional Organizations: NA

Editorial Board Member : N/A

Books :

N/A

Chapters in Books :

1. Chakraborty, P. and Adhikary, P. (2018). Sapromyophily: Mimicry of the dead to get reproductive success. *In* Chaudhuri, P. K. (eds.) Environment – A Multidisciplinary Approach. pp. 72-78. (ISBN: 978-81-938290-1-1)

2. Hati, D., Pal, S., Chakraborty, P. and Adhikary, P. (2019). A Study of Vascular Plants on Concrete Houses in a Metropolitan City. *In* Chaudhuri, P. K. (eds.) Sustainable Development – A Multidisciplinary Approach. pp. 35-42. (ISBN: 978-81-938290-2-8)

3. Chakraborty, P. and Adhikary, P. (2019). An Overview of Pollination by Moths in the Context of Forest Ecosystem. *Emerging Environmental Issues: retrospect and prospect.* (Chapter accepted)

Journals:

1. Adhikary, P. and Barik, A. (2012). Effect of temperature on biology of *Callosobruchus maculatus* (F.). *Indian Journal of Entomology* **74**: 261–266.

2. Adhikary, P., Mukherjee, A. and Barik, A. (2014). Role of surface wax alkanes from *Lathyrus sativus* L. seeds for attraction of *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae). *Journal of Stored Products Research* **59**: 113–119.

3. Adhikary, P., Mukherjee, A. and Barik, A. (2015). Attraction of *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae) to four varieties of *Lathyrus sativus* L. seed volatiles. *Bulletin of Entomological Research* **105**: 187–201.

4. Adhikary, P., Malik, U. and Barik, A. (2015). Effects of four varieties of *Lathyrus sativus* L. seeds on the bionomics of *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae). *The Canadian Entomologist* **148**: 102-111.

5. Adhikary, P., Mukherjee, A. and Barik, A. (2015). Free fatty acids from *Lathyrus sativus* seeds coats acting as short-range attractants to *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae). *Journal of Stored Products Research* **67**: 56-62.

6. Adhikary, P., Malik, U. and Barik, A. (2016). Oviposition behavior of *Callosobruchus maculatus* (F.) (Coleoptera: Chrysomelidae: Bruchinae) on four varieties of *Lathyrus sativus* L. seeds. *Entomon* **41(1)**: 1-10.

7. Adhikary, P., Karmakar, A. and Barik, A. (2016). Variation in free and bound fatty acids in four varieties of *Lathyrus sativus* L. grown in India. *Journal of Food Legumes* **28(4)**: 358-360.



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	<p>8. Adhikary, P., Chakraborty, P., Gupta, S. K. (2018). Life cycle of <i>Cheyletus fortis</i> Oudemans (Acari: Cheyletidae) at two temperature regimes under laboratory condition. <i>Annals of Entomology</i> 36(2): 125-128.</p>
	<p>9. Adhikary, P., Chakraborty, P., Gupta, S. K. (2020). Impact of floral visitors on some medicinal plants of Ramakrishna Mission, Narendrapur, Kolkata, West Bengal, India. <i>Journal of Tropical Ecology</i> (Paper accepted).</p>
Conf. Proceedings:	N/A

Disclaimer: The information on this website has been prepared with utmost care aiming at keeping all information up-to-date. The College cannot guarantee the correctness, completeness, topicality or quality of the information presented. In the event of any doubt concerning the content of the website, please contact the concerned faculty.

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