

FACULTY MEMBERS' ACADEMIC PROFILE

1. Name of the Faculty member: DR. HIMANI BISWAS

2. Designation: Assistant Professor in Zoology, W.B.E.S

3. Qualification: M.Sc., Ph.D.

4. Specialization: Entomology

5. E-mail address: himanibiswas@gmail. com

6. Date of Joining in W.B.E.S.: 06.11.2015

7. Date of Joining in this College: 06.11.2015

8. Total Teaching experience in College level: 7 years and 2 months (UG and PG)

9. Research interests: Entomology (Acarology)

10. Title of thesis (Ph.D.) with year: Taxonomy, bio-ecology and management of mites infesting plants used as Aromatics, Narcotics, Dye-yielding, Spices and Condiments in selected districts of West Bengal. 2012

11. Research guidance: One Research student, Indrani Samaddar, is registered under my Co-supervision in the University of Burdwan.

12. Research Projects (Completed): 01



Year	Name of PI	Title of Project	Amount (in Rs.)	Duration	Funding Agency with date
2017-2020	Dr. Himani Biswas	Diversity, bioecology and management with biopesticides of mites on medicinal and aromatic plants (MAP) of Sundarban areas of West Bengal with special reference to qualitative/ quantitative analysis of active ingredients of some medicinal plants due to mite feeding vis-a-vis application of chemical pesticides	15 lakhs	3 years	WB-DST, Major Research Project, January 2017

13. List of publications:

A. Published papers in Journals:

1. "Coconut perianth mite, *Aceria guerreronis* Keifer (Prostigmata: Eriophyidae) causing serious threat to coconut cultivation in South 24 Parganas district of West Bengal along with a new reports of some other associated mites", S.K. Gupta, D. Ganguly and **H. Biswas**, *Sci. & Culture*, **2009**, 75 (1-2), 40-41 .[ISSN, 0036-8156].
2. "Life cycle of house dust mite *Dermatophagoides pteronyssinus* (Acari: Pyroglyphidae) under laboratory conditions in Kolkata metropolis", S. Podder, **H. Biswas**, S.K. Gupta, and G.K. Saha, *Acarina*, **2009**, 17(2), 239-242 [ISSN: 0132-8077, IF: 0.73]

3. "Mites associated with insects of Agri-horticultural importance", P. Sarangi, **H. Biswas**, S.K. Gupta and G.K. Saha, *Proc. Zool. Soc.*, **2010**, 63(1), 67-71 [ISSN: 0373-5893].
4. "Description of two new species of ectoparasitic mites of *Podapolipus* and *Podapolipoides* (Acari: Podapolipidae) on *Oxya* sp. from West Bengal, India", P. Sarangi, **H. Biswas**, S.K. Gupta and G.K. Saha, *Journal of Asia Pacific Entomology*, **2012**, 15, 192-195 [ISSN: 1226-8615; **IF: 0.871**]
5. "Life cycle of *Tetranychus macfarlanei* Baker and Pritchard (Acari: Tetranychidae): A new pest of medicinal plants in West Bengal", **H. Biswas**, S.K. Gupta and G.K. Saha, *Proc. Zool. Soc.* (Springer), **2012**, 66 (2), 149-153 [ISSN: 0373-5893].
6. "Life cycle of *Oligonychus coffeae* (Acari: Tetranychidae) on tea leaves in Darjeeling, West Bengal, India", S. Podder, **H. Biswas**, G.K. Saha, and S.K. Gupta, *Animal Biology*, **2014**, 64, 395-400 [ISSN: 1570-7555; **IF: 0.77**]
7. "Life cycle of red palm mite, *raoiella indica*, Hirst (Acari: Tenuipalpidae) on coconut leaves", S. Podder, **H. Biswas**, A. Ghosh and S.K. Gupta, *ZOOS' PRINT*, December, **2017**, 32(12), 10-13 [ISSN :2230-7052].
8. "On the Phytophagous and Predatory Mites on some Medicinal Plants occurring in Sundarbans area of West Bengal", I. Samaddar, **H. Biswas** and S.K. Gupta, *Bionotes*, December, **2017**, 19(4), 142-144 [ISSN: 0972- 1800].
9. "Life cycle of *Oligonychus iseilemae* (Acari: Tetranychidae) a new pest of *Avicennia germinans*, a mangrove medicinal plant of Sundarban, under laboratory condition", S.K. Gupta, **H. Biswas** and I. Samaddar, *Ann. Entomol.*, **2017**, 35(02), 85-89 [ISSN: 0970-3721].
10. "Phytochemical analysis of mite-infested tea leaves of Darjeeling Hills, India", Piu Banerjee, Md. Moinul Islam, Arghya Laha, **Himani Biswas**, Nimai Chandra Saha, G.K. Saha, Debjani Sarkar, Srijit Bhattacharya, Sanjoy Podder, *Phytochemical Analysis*, **2019**, 1-10. [**IF: 1.963**]
11. "A Faunistic survey of house dust mites of Kolkata, West Bengal, India", S. Podder, **H. Biswas**, G.K. Saha, *Acarological Studies*, **2020**, 3(1), 22-31.
12. "Association of HLA-DQ and IL13 gene variants with challenge-proven shrimp allergy in West Bengal, India", Arghya Laha, Amlan Ghosh, Saibal Moitra, **Himani Biswas**, Nimai Chandra Saha, Srijit Bhattacharya, Goutam Kumar Saha, Sanjoy Podder, *Immunogenetics*, **2020**, 72, 9/10, 489-498. [**IF: 2.621**]
13. "Acaricidal activity of nishinda (*Vitex negundo*) leaf and garlic (*Allium sativum*) bulb extract against red spider mite, *Oligonychus coffeae* (Acari: Tetranychidae) in tea plantations of Darjeeling hill, West Bengal, India", Piu Banerjee, Arghya Laha, Indrani Samaddar, **Himani Biswas**, Debjani Sarkar, Sovan Roy, Goutam K. Saha, Sanjoy Podder, *Acta Biologica Szegediensis*, **2021**, 65(1), 59-64. [**IF: 0.645**]
14. "Predatory mites fauna on medicinal and aromatic plants from Sundarban Biosphere Reserve, West Bengal, India", Indrani Samaddar, Sanjoy Podder, Santanu Chakrabarti, **Himani Biswas**, *Acta Biologica Szegediensis*, **2022**, 65(2), 247-260. [**IF: 0.645**]
15. "Assessment of egg and milk allergies among Indians by revalidating a food allergy predictive model", Arghya Laha, Srijit Bhattacharya, Saibal Moitra, Nimai Chandra Saha, **Himani Biswas**, Sanjoy Podder, *World Allergy Organization Journal*, **2022**, 15(3), 100639. [**IF: 5.516**]

16. “Assessment of Co-Sensitization between Pollen and Food Allergen Sources among Bengali Population, West Bengal, India”, Arghya Laha, Saibal Moitra, **Himani Biswas**, Nimai Chandra Saha, Sanjoy Podder, *International Archives of Allergy and Immunology*, **2022**, 184(2), 1-10. [IF: 2.749]

B. Conference Proceedings:

“Bioeffectiveness of some plant extracts towards causing mortality of *Brevipalpus phoenicis* (Geij.) (Acari: Tenuipalpidae), a new pest of medicinal plant, Vasak, *Justicia adhatoda* L. Nees (Acanthaceae)”, S.K. Gupta, **H. Biswas** and S.N. Das, *Proceedings of the National Seminar-Workshop-Exhibition on ‘Bioprospecting and application of medicinal plants in common ailments’*, Ramakrishna Mission Ashrama, Narendrapur, 24-25 December, **2007**, 121-126.

14. Membership of Learned Societies/ Editorial Boards, etc.: Nil

15. Patents: Nil

16. Awards: Nil

17. Other notable activities: Nil

18. A) Participation in Seminars/Symposia/Conferences/Workshops:

- Presented a paper** entitled “Diversity of mites infesting medicinal plants of West Bengal with special reference to life cycle of *Eotetranychus sexmaculatus* (Acari: Teranychidae) and *Agistemus simplex* (Acari: Stigmaeidae) on *Nyctanthes arbor-tristis*” in **International Seminar** INTZOOCON, 2018, organized by University of Calcutta at Ramakrishna Mission Institute of Culture, Golpark, kolkata during **1st to 3rd February, 2018**.
- Attended** a One-day Regional level Seminar, 2017 on “Degenerative Diseases of Brain and Folk Music” as a Healer organized by Krishnagar Govt. College, Nadia.
- Attended** a One –day State level Seminar on “Metaphysics of Mind” Organized by the Post Graduate Department of Philosophy, Krishnagar Govt. College on **27.04.2022**.
- Attended** a One –day Seminar on “Emerging Prospects of Biosciences and Clinical Research ” Organized by the Post Graduate Department of Physiology, Krishnagar Govt. College on **09.12.2022**.

B) Participation in OP/RC:

Name of Programme (Orientation/Refresher/Summer School/ etc.)	Date (duration)	Name of ASC
UGC- Sponsored Orientation Programme	27.08.2018- 26.09.2018	Jadavpur University, Kolkata
UGC Sponsored Refresher Course	16.08.2019-29.08.2019	The University of Burdwan, Burdwan
UGC Sponsored Refresher Course	20.08.2021-02.09.2021	The University of Burdwan, Burdwan

