

Faculty Profile

1. Name in full: DR. MRS. RASHMIMALA KAKOTI.
2. Designation: Associate Prof., Department of Zoology.
3. Date of Joining: 01.01.1998.
4. Academic qualification: M.Sc. Ph D.
5. Specialization: Entomology.
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9. Date of Birth : 01.09.1957
10. Sex : Female
11. Nationality : Indian

Publications:

(a) Books:

1. 'Axomor Puspa Prajati' - Indigenous Flowers of Assam- ISSN no. Published by Assam Publication Board. Govt. of Assam.(2015)
2. Contribute to a chapter of Book- 'Quest' (2012), published by MRP Forum of B. Borooah College, pp-102-112

(b) Research papers:

1. Impact of environmental factors on outbreak of diseases in the muga crops, *Antheraea assama* W (Lepidoptera:saturniidae) in Kamrup district (Assam). ISSN:0973-7049. 'The Bioscan'-International quarterly journal of Lifesciences, 2011,6(1):103-106
2. 'Toxic effects of liver extract of Globefish, *Tetrodon cutcutia* on development and longevity of Housefly, *Musca domestica* L. Proceedings of – 'International seminar on 'Biosciences and Human sustenance' .,2011.pp 241-246. ISBN:978-93-82384-46-6.
3. Study of fish fauna and water quality of Morikalong Beel, Nagaon, Assam Proceedings of- 'International seminar on 'Biosciences & Human sustenance',2011 (2nd author) '. Pp109-112. ISBN:978-93-82384-46-6.

4. Effect of temperature and humidity on development, survival and oviposition in laboratory populations of Eriworm, *Philosamia ricini* (Boisduval) (Lepidoptera Saturniidae). Archives Internationales de Physiologie et de Biochimie (France International Journal).1983, 19: 87-93..1983, 19: 87-93.
5. Histological study of toxic effects of aqueous extracts of liver and ovary of Pufferfish *Tetradon cutcutia* on housefly *Musca domestica*. Journal of Current Biosciences (International Journal of Biological Science) 1989,6(2):47-50
- 6.Reproductive control of housefly, *Musca domestica* L with liver extract of Globefish, *Tetradon cutcutia* as a dietary supplement.(abstract) International symposium of Recent trends in Lifescience', 1993, Osmania Univ. Hyderabad.
- 7.Sterilizing effect of extracts of liver and ovarian tissues of pufferfish, *Tetradon cutcutia* on the ovary of adult housefly, *Musca domestica* L. (abstract) V National symposium on 'Advances in Biological control of Insect pest' (1993)- pp43. S.D.College, Muzaffar nagar, UP.

13. Articles published in News paper/Magazine:

Nos. of popular articles in News papers & Magazines: 12nos.

Nos. of Short stories : 8nos.

Nos. of scientific articles: 10nos

14.Details of the Projects (in prescribed format)

(a) Completed:

S.No	Title of the Project	Duration	Sponsored/ Funded by the Institute	Year of Completion	Budget Sanctioned
1.	Susceptibility of Muga silkworm, <i>Antherea assama</i> W to disease producing microbes with special reference to Bacterial infection in ecoclimatic condition of Assam.	2005-2007	Univ.Grant Commission	2007	1,00000 (one lakh)

(b) completed:

S.No	Title of the Project	Duration	Sponsored/ Funded by the Institute	Year of Completion	Budget Sanctioned
1	Indigenous Flowering species of Assam	2012-2014	Assam Publication Board	continued	1,00000 (one lakh)

15. Paper presentation in National & International Seminars:

1. Paper presented in – V National symposium on ‘Advances in Biological control of Insect pest’. Oct.2-4, 1993, S.D.College, Muzaffar nagar, UP. ‘Sterilizing effect of extracts of liver and ovarian tissues of pufferfish, *Tetradon cutcutia* on the ovary of adult housefly, *Musca domestica* L.’
2. Paper presented in – International Conference on Energy, Environment and Development: from Stockholm to Copenhagen & beyond, organised by Sambalpur Univ. Orissa, Dec.10-12,2010. ‘Impact of environmental factors on outbreak of diseases in the muga crops, *Antheraea assama* W (Lepidoptera: saturniidae) in Kamrup district (Assam)’.
3. Paper presented in – ‘International seminar on ‘Biosciences and Human sustenance’. Oct.20th-22nd,2011. organised by Cotton College & Zoological Society of Assam. ‘Toxic effects of liver extract of Globefish, *Tetradon cutcutia* on development and longevity of Housefly, *Musca domestica* L.’
4. Paper presented in- International conference on ‘Harnessing Natural Resources for sustainable Development: Global Trends’. January29-31,2014. Cotton College, Guwahati. ‘Exploration of biopesticidal activity of liver extract of Globefish, *Tetrodon cutcutia*: a cytomorphological study.’

16. Seminar/conference/Symposium attended excluding paper presentation:

1. Attended National seminar on ‘Biodiversity- exploration, conservation & utilization of plant resources with special reference to NE India’, Dec.18-19,2007, organised by ERD Foundation, Assam.
2. Attended International seminar on ‘Bioresources and Human Sustenance’ Oct. 20-22, 2011. organised by Cotton College & Zoological Society of Assam.
3. Attended National seminar on- Ret Plants of NE India and their Conservation Strategies. March21,2014. organised by Deptt. of Botany GU.

17. Details of Course attended (Orientation /Refresher /any other course attended (Please indicate period, name of the university/institute where attended

1. Refresher course: Dec.9-29,1998 Gauhati Univ.
2. Orientation course: Feb.18-March17, 2002 Gauhati Univ.
3. Refresher course: Feb.27- March19,2006, Gauhati Univ.
4. Refresher course: Aug.27- Sept.18, 2007, NE Hill Univ.
5. Short term Training Course in Life Science (STC-vii) Oct.4-8,2010, by UGC, Academic Staff College, GU.
6. Para Legal Training on ‘Rights of Women for Women Teachers’, Nov.16-20,1998, organised by National Institute of Public Cooperation & Child Development, N.Delhi.
7. Course on ‘Computer Fundamentals’, July18- Oct.18,2003, organized by Tata Infotech Education Ltd.

8. Workshop on 'Bioinformatics tools & their application in Biological Research', Dec.3-6, 2007. organised by 'Bioinformatics Infrastructure Facility', AAU, BTISnet., Govt. of India.

9. Training programme on 'Value Education', July 8-9, 2008, organised by Prajapita Brahma Kumaris Ishwariya Vishwa Vidyalaya, Mount Abu, Rajasthan.

10. Workshop on 'Disaster Risk Reduction in Schools & Colleges' May 8, 2012, organised by Assam State Disaster Management Authority.

18. Details of membership of organization (state/ National level):

1. Life member of National Environmentalists Association, Sambalpur Univ., Orissa.

2. Life member of Assam Zoological Society, GU. Assam

19. Whether served as resource person?

Resource person on Refresher course for Higher Secondary Teachers, June 12-28, 2002, sponsored by Assam Higher Secondary Education Council and organized by B Borooah College, Guwahati.