



Dr. Prithwi Jyoti Bhowmik
Assistant Professor
Department of Environmental Science

1. ACADEMIC QUALIFICATIONS :

Examinations	Name of the board/university	Year of passing	Subjects taken
M.Sc.	Assam University: Silchar	2003	Environmental Science.
UGC NET	UGC	2007	Environmental Science
Ph.D.	Tripura University	2013	Zoology (Chemo-ecology)

2. RESEARCH DEGREE(S):

Degree/ Fellowship	Title	Date of award	University
Department of Science and Technology, Govt. of India	Ecological and genetic basis of chemical defence in ladybird beetles of biocontrol ability.	Junior Research Fellow 18.02.2005	Tripura University
		Senior research Fellow 18.02.2008	
Ph.D.	Ecological basis of chemical defence in <i>Cheilonmenes sexmaculata</i> (Fab.) – A ladybird predator of aphid pest	13.08.2013	Tripura University

3. POST HELD AFTER APPOINTMENT UNDER THE DEPARTMENT:

Designation	Subject/ Department	Date of actual joining	
		From	To
Assistant Professor	Environmental Science	10-01-2011	09-01-2017
Assistant Professor (Senior Scale)	Environmental Science	10-01-2017	Till date

4. POST HELD BEFORE APPOINTMENT UNDER THE DEPARTMENT:

Designation	Subject/ Department	Date of actual joining	
		From	To
Guest Lecturer	Department of	2005	2006

	Zoology, Tripura University		
Guest Lecturer	Department of Rural Development, Tripura University	2007	2009
Academic Counsellor	IGNOU	2007	2009
Part time Counsellor	Directorate of Distance Education, Tripura University	2008	2009
Manager Information System	Department of Health, Govt. of Tripura	April 2007	May 2007
Part time Contract Teacher, Environmental Science	Department of Higher Education, Govt. of Tripura	June 2007	Jan 2009
Assistant Professor, Environmental Science	State Institute of Public Administration and Rural Development (SIPARD), Agartala	Feb 2009	Jan 2011

**11. Period of teaching experience: P.G. Class (in year) : Four (04) Years
U.G. Class (in year) : Nine (09) Years**

12. Fields of specialization under the subject /discipline: Environmental Modelling, Bio statistics,
Microbial Ecology and Chemical Ecology.

13. Academic Staff College: Orientation Course/Refresher Course attended:

Name of the Course/ Summer School	Place	Duration	Sponsoring agency	Remarks
Orientation Course	Academic Staff College, Jawaharlal Nehru University, New Delhi	05-03-2012 to 30-03-2012	UGC	Awarded Grade 'A' >75%

PART – B: RESEARCH PUBLICATIONS AND ACADEMIC CONTRIBUTION:

(1) Papers published in journals:

Sl. No.	Title with page nos.	Journal	ISSN/ ISBN No	Whether peer reviewed, Impact factor, if any	Number of Co- authors	Whether you are the main author
1.	Effect of chemical defence on fitness of ladybird predator, <i>Cheilomenes sexmaculata</i>	Journal of Biological Control, Vol. 21 (Special issue), 2007	ISSN no. 0971930X	Peer reviewed NAAS score: 5.34	01	No

	(Fabricius). 89-96.					
2.	Polymorphism and phenotypic plasticity in aphids. 1-10.	Journal of Aphidology, Vol. 21 (1 & 2), 2007	ISSN no. 09703810	Peer reviewed	02	No
3.	Effect of resource gradient on age and size at maturity and their influence on early life fecundity in the predatory Asian lady beetle, <i>Harmonia axyridis</i> . 97-102.	Entomologia Experimentalis Et Applicata, Vol. 141	ISSN no. 15707458	Peer reviewed Impact Factor: 1.162	01	No

(2) Articles/Chapters published in Book:

Sl. No.	Title with page nos.	Book title, editor and publisher	ISSN/ ISBN No	Whether peer reviewed	No. of Co-authors	Whether you are the main author
	Participation of Tribal women worker and perceptions of Mahatma Gandhi National Rural Employment Guarantee act Page - 283-312	Title: Empowerment of Tribal Women Editors: Smt. Lily Debbarma & Dr Somali Saha	978-93-86707-02-4	Yes	01	First Author
	Status of Tribal Women in Tripura an exploration from the perspective of economic activities Page - 57-73	Publisher: Tribal Research Institute, Govt. of Tripura			01	Second Author

(3) Full Papers in conference proceedings:

Sl. No.	Title with page no.(s)	Details of conference publication	ISSN/ISBN No	Number of Co-authors	Whether you are the main author
1.	Cost of Chemical defence on fitness of Ladybird predators of aphids,	9th National Symposium on Recent Advances in Aphidology, Organized by, Dept. of Entomology & Agricultural Zoology, Institute of Agricultural Sciences, Banaras Hindu University,		01	Yes

		Varanasi, 27-29 November, 2006.			
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(4) Information for Papers presented in Regional/National and International Seminars/ Conferences / Workshop / Symposium. Indicate whether the Conference Proceedings are published.

Sl. No.	Title of the paper & Date	Type & Place of conference/seminar	Number of Co-Presenter(s)	Whether you are the main Presenter	Whether published
1.	The forest resource and Carbonomics in North East India	16th Annual Conference of North East Economic Association. 8-9 January, 2015 . Organized by, Department of Economics, Tripura University		Yes	
2.	Status of Tribal Women in Tripura – An exploration from the perspective of economic activities	National Seminar on Empowerment of Tribal Women, 13-14 February, 2015 Organized by Women’s College, Agartala, Tripura		Yes	Book
3.	Participation of Tribal Women workers and perception of Mahatma Gandhi National Rural Employment Guarantee Act.	National Seminar on Empowerment of Tribal Women, 13-14 February, 2015 Organized by Women’s College, Agartala, Tripura		Yes	Book

(5) Information on Participation in Regional / National and International Seminars/ Conferences / Workshop / Symposium

Sl. No.	Participated in Regional/National and International Seminars/Conferences / Workshop/ Symposium	Date & Place
1.	Training programme on “Research issues and Methods in India’s Plantation Sector.” Organized by Centre for Development Studies under National Research Programme on Plantation Development. Sponsored by Ministry of Commerce, Government of India	20-21 November, 2014
2.	Seminar cum Workshop on “Advances in Modern Biotechnology”, Sponsored by, Department of Biotechnology, Government of India. Organized by State Biotech Hub, Tripura University.	15-16 January, 2015
3.	TEQIP-II Project sponsored Workshop on “Effective	22-24 January, 2015

	Implementation of Research Proposals, Simulations and Reports.” Organized by Industry Institute Interaction Cell, Tripura Institute of Technology, Narsingarh, Tripura.	
4.	Training programme on “Management of Training” conducted at State Institute of Public Administration and Rural Development, Agartala. Sponsored by Department of Personal and Training, Government of India.	4-8 January, 2016
5.	First Knowledge Conclave for Colleges and Universities, Organized by Centre for Science and Environment, New Delhi.	28-29 January, 2016
6.	Workshop on “Statistical Data Analysis” conducted by the Applied Statistics Unit, Indian Statistical Institute, Kolkata and held at Department of Statistics, Maharaja Bir Bikram College, Agartala, Tripura.	21-25 November, 2016
7.	Regional Workshop on “National Information System for Climate and Environmental Studies” conducted by National Remote Sensing Centre (NRSC), ISRO and Dept. Of Civil Engineering, NIT, Agartala.	5 th February, 2018
8.	National Seminar on “Environmental Administration Concepts, Issues and Challenges” organized by, Dept. Of Public Administration, MBB University, Agartala.	8-10 March, 2018
9.	National Seminar on “Environmental Issues and Sustainable Development” organized by, Iswar Chandra Vidyasagar College, Belonia, Tripura	19-20 November, 2018

PART – C: Other relevant information:

Details of other credential, significant contributions etc., which was not mentioned above in earlier:

Sl. No.	Details (mentioned year value etc. where relevant)
1.	Worked as Member for Tripura Board of Joint Entrance Examination 2016-2018
2.	Worked as Member for Teachers Recruitment Board of Tripura 2016-2018
3.	Worked as Examiner for Environmental Science, 2007 till date
4.	Expert Member of Syllabus Framing Committee for Environmental Science, Tripura University
5.	Expert member of Board of Under Graduate Studies, Environmental Science, Tripura University
6.	Expert Member of Syllabus Framing Committee for Environmental Science, Maharaja Bir Bikram University, Tripura.

Part-A

(1) Papers Published in Journals:

- a) Agarwala, B. K. and Bhowmik, P. J. (2007) Effect of chemical defence on fitness of ladybird predator, *Cheilomenes sexmaculata* (Fabricius). *Journal of Biological Control*, 21 (Special issue):89-96.

- b) Agarwala, B.K., Das, K., Roychaudhuri, P., Bhowmik, P. J. (2007) Polymorphism and phenotypic plasticity in aphids. *Journal of Aphidology*, 21 (1 & 2):1-10.
- c) Agarwala, B.K. and Bhowmik, P. J. (2011) Effect of resource gradient on age and size at maturity and their influence on early life fecundity in the predatory Asian lady beetle, *Harmonia axyridis*. *Entomologia Experimentalis Et Applicata*, 141: 97 - 102.

(2) Full Papers in conference proceedings:

- a. Cost of Chemical defence on fitness of Ladybird predators of aphids, 9th National Symposium on Recent Advances in Aphidology, Organized by, Dept. of Entomology & Agricultural Zoology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 27-29 November, 2006.

(3) Information for paper presented in National Seminars:

- a) The forest resource and Carbonomics in North East India, 16th Annual Conference of North East Economic Association. 8-9 January, 2015. Organized by, Department of Economics, Tripura University.
- b) Status of Tribal Women in Tripura – An exploration from the perspective of economic activities, National Seminar on Empowerment of Tribal Women, 13-14 February, 2015 Organized by Women’s College, Agartala, Tripura.
- c) Participation of Tribal Women workers and perception of Mahatma Gandhi National Rural Employment Guarantee Act., National Seminar on Empowerment of Tribal Women, 13-14 February, 2015 Organized by Women’s College, Agartala, Tripura.
- d) “Lakes do not lie”, National Seminar on “Environmental Administration Concepts, Issues and Challenges” organized by, Dept. of Public Administration, MBB University, Agartala. 8-10 March 2018
- e) Carbon stock measurement of different Mature tree species by using a Non-destructive method and their carbonomics potential; National Seminar on “Environmental Issues and Sustainable Development” organized by, Iswar Chandra Vidyasagar College, Belonia, 19-20 November, 2018.

(4) Information on participation in workshops:

- a) Training programme on “Research issues and Methods in India’s Plantation Sector.” Organized by Centre for Development Studies under National Research Programme on Plantation Development. Sponsored by Ministry of Commerce, Government of India. 20-21 November, 2014
- b) Seminar cum Workshop on “Advances in Modern Biotechnology”, Sponsored by, Department of Biotechnology, Government of India. Organized by State Biotech Hub, Tripura University. 15-16 January, 2015
- c) TEQIP-II Project sponsored Workshop on “Effective Implementation of Research Proposals, Simulations and Reports.” Organized by Industry Institute Interaction Cell, Tripura Institute of Technology, Narsingarh, Tripura. 22-24 January, 2015
- d) Training programme on “Management of Training” conducted at State Institute of Public Administration and Rural Development, Agartala. Sponsored by Department of Personal and Training, Government of India. 4-8 January, 2016
- e) First Knowledge Conclave for Colleges and Universities, Organized by Centre for Science and Environment, New Delhi. 28-29 January, 2016

- f) Workshop on “Statistical Data Analysis” conducted by the Applied Statistics Unit, Indian Statistical Institute, Kolkata and held at Department of Statistics, Maharaja Bir Bikram College, Agartala, Tripura. 21-25 November, 2016