

BRIEF PROFILE OF DR. JAYANTA DEKA

- Name:** Dr. Jayanta Deka
- Date of Birth:** 30-06-1973
- Qualification:** M. Sc from Gauhati University in Zoology with specialization in Cell-Biology in 1997. Ph. D. from Gauhati University, Topic: Allozyme variation in amylase and esterase in determining the ecorace of *Philosomia ricini* in 2004.
- Teaching experience:** 18 years.
- Research experience:** Since 1998 (1998 – 2004 Ph.D. 2005 till date in Biochemistry, conservation and sustainability).
- Project:** Completed 01 International and 03 National
- **MRP (Completed)** Awareness and capacity building at community level for the conservation of softshell turtle species in Kamrup District of Assam, India funded by **The Mohamed Bin Zayed Species Conservation Fund** (2011 – 12)
 - **MRP (Completed)** on “Identification of hybrid from ecoraces of *Philosomai ricini*” funded by **UGC-NERO** (2011 – 13)
 - **MRP (Completed)** Impact of ODL in State of Assam, funded by **KKHSOU** (2011 – 12)
 - **MRP (Completed)** on “Promotion of rural community tourism products and alternative livelihood of Thruruk Village in Dima Hasao district of Assam” funded by **ASTEAC** (2020 – 22)

Publication:

a. Research Journal: 18

b. Conference Proceedings: 07

Paper Published in Research Journals

Sl. No.	Title	Journal	ISSN/ISBN No	Vol/Issue/pp/year
01	Indoor rearing of muga silkworm (<i>Antheraea assama</i> , Westwood)	<i>Environment & Ecology</i>	ISSN 0970 – 0420	18(4) pp 884 – 887, 2000
02	Ethology of Cattle Egret (<i>Bubulcus ibis</i>)	<i>Environment & Ecology</i>	ISSN 0970 – 0420	20(2) pp 884 – 887, 2002
03	Sodium Selenite: A Micronutrient for Eri Silkworm, <i>Philosamia ricini</i>	<i>Environment & Ecology</i>	ISSN 0970 – 0420	21(4) pp 791 – 794, 2003
04	Sequence analysis and structure prediction of GTP – Binding protein for characterization of non – diapausing silkworm <i>Bombyx mori</i>	<i>Tropical Zoology</i>	ISSN 0971 – 7978	4,pp 91 – 98, 2007
05	Zymogram and <i>In Silico</i> analyses of alpha – amylase from non – diapausing silkworm <i>Bombyx Mori</i>	<i>Journal of Applied Biosciences & Biotechnology</i>	ISSN 0974 – 2387	4(1) pp15 – 20, 2008
06	Turtle Diversity in the Sacred Temple Ponds in Kamrup District of Assam with special Reference to its Conservation	<i>Envis Bulletin</i>	ISSN : 0971-7447	pp127-131, 2011
07	Impact of climate change on sustainable livelihood in Deepor Beel: A case study of Keotpara, Azara	<i>NeBIO</i>	ISSN 2278-2281	2(3) pp6-8, 2011
08	Community participation and sustainability: A case study Joint Forest Management in Assam	<i>Journal of Advanced Plant Sciences</i>	ISSN 0971 – 9350	5(1&2) pp129 – 131, 2010

09	Fresh Fish Market in Guwahati: An Analytic Study	Zoon	ISSN : 2394-0182	13, Pp : 54-58 (2015)
10	Improvement in Economic Traits of the Eri Silkworm, <i>Samia ricini</i> (Donovan) by supplementation 1 & 2% Protein as a Diet	<i>Northeast Journal of Contemporary Research</i>	ISSN 2349-3089	. Vol. 2No. 1, pp 12-16, 201 5
11	Comparative Modelling of Tertiary Structures of Two Viral Proteins From <i>Bombyx mori</i>	International Journal of Zoology and Applied Biosciences	ISSN: 2455-9571	1(3) pp: 173-180, 2016
12	Socio-economic status and sustainable livelihood of Bodo community in Boko area through eri culture based farming system	BCSJ	ISSN: 2455-6165	1 pp 81-84, 2016
13	Evaluating urea and creatinine levels in chronic renal failure: A prospective study.	<i>IESRJ</i>	E-ISSN: 2455-295X IF: 4.471	4(1) 30-33, 2018
14	GFR-Estimating in patients with chronic kidney disease: A case study.	<i>AARJMD</i>	ISSN: 2319-2801 IF: 1.023	5(1) 54-59, 2018
15	Status of ericulture in Kamrup District, Assam: A case study of Bhanubhakta & Salbari areas under Boko Subdivision.	<i>NeBIO</i>	ISSN: 2278-2281 IF: 0.90	9(1) 3-6, 2018
16	Dry Fish Market: An Analytical Study of Jagiroad Dry Fish Market, Assam, India	<i>IESRJ</i>	E-ISSN: 2455-295X IF: 4.471	5(3) 30-32, 2019
17	Brahmaputra River pollution and its effect on <i>Channa punctatus</i> in terms of energy calculation.	<i>AARJMD</i>	ISSN: 2319-2801 IF: 1.023	54-59, 2019
18	Effect of 1%N with various combinations of Ascorbic Acid on growth of Eri Silkworm (<i>Samia Cynthia ricini</i>)	<i>IJPAB</i>	E-ISSN: 2582-2845 NAAS: 4.74	8(3) 545-548, 2020

Conference Proceeding

Sl. No.	Title with page no	Details of Conference Publication	Page No
01	Physical properties of degummed <i>Philosamia ricini</i> with Banana extract	<i>Proc The 20th Congress of the International Sericulture Commission held at France</i>	92 – 102, 2005
02	Improvement of Sericulture Industry as sustainable economy in Assam	<i>Proc of the UGC Sponsored Nat Seminar on Environment & Sustainable Development held at Rangia College, Assam</i>	198 – 206, 2005
03	Biotechnology: A new tool for development of sericulture	<i>Proc of the Conference of Zoological Society of Assam & the National Seminar on Challenging Frontiers in Applied Zoology held at Rangia College, Assam</i>	29 – 31, 2006
04	Beel Fisheries of Assam: Problem and Prospects	<i>Proc Nat Sem on Wetland & Livelihood held at JN College, Boko Assam</i>	43 – 51, 2008
05	Turtle fauna of Deepar Beel Ramsar Site, Assam: Strategies for Conservation	<i>Proc Nat Sem on Wetland & Livelihood held at JN College, Boko Assam</i>	169 – 177, 2008
06	Sustainable economy and livelihood through participatory approach in the Deepor Beel wetland of Assam	<i>Proc Nat Sem on Wetland & Livelihood held at JN College, Boko Assam</i>	245 – 248, 2008
07	Integrated Water Resources Management and Sustainable Development: Case Study of NE India with special Reference to Assam 11 – 14	<i>Proc UGC sponsored Nat Seminar on Integrated Water Resource Management: With Special Reference to North East held at Patkai Christian College, Nagaland</i>	11-14, 2010

Member:

- Editorial board member of the research journal of College 'Prag Consilience'.
- Associate Editor, Asian Journal of Conservation Biology
- Research Editor in Asia Pacific Who's Who' (Vol XVI)
- Life Member, Indian Science Congress
- Member, Wildlife Conservation Society
- Member, IUCN/SSC RSS – South Asia
- Life Member, Centre for Environment, Education & Economic Development
- Life Member, Zoological Society of Assam
- Member, Indian Red Cross Society

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