

Personal Profile of Dr. Rantu Mani Deka

1. Name: Dr.Rantu Mani Deka.
2. Email & Contact No.: bishalaksi@gmail.com
3. Designation: Assistant Professor(Academic Level-11).
4. Academic Qualification: M.Sc, B. Ed.
5. Professional Qualification :- Ph. D.
6. Area of Interest: Wetland Ecology.
7. Date of Joining:- 02-11-1998 and Provincialized from 14-08-2013.
8. Teaching experience: 23 years
9. Publications:

a) Research Paper in Journal

Sl. No.	Title of the Paper	Title of the Journal	Year of Publication/ volume, issue etc.	ISSN/ Wheather peer Reviewed/Impact factor, if any
1	2	3	4	5
1	Physico-Chemical characteristics of water of Kapla Beel, A freshwater wetland in Barpeta district ,Assam	Pollution Research	2007/ 26(4) : 699-701	0257-8050 peer Reviwed, Scopus H Index-21,NAAS rating-4.97
2	Physico-Chemical characteristics of soil of Kapla Beel, A freshwater wetland in Barpeta district ,Assam	Pollution Research	2008/27(4) : 695-698	0257-8050 peer Reviwed, Scopus H Index-21,NAAS rating-4.97
3	Study on Primary Productivity of Kapla Beel, A freshwater wetland in Barpeta district Assam,	Pollution Research	2009/28(3) : 531-534	0257-8050,peer Reviwed, Scopus H Index-21,NAAS rating-4.97
4	Study on Plankton Population of Kapla Beel, A freshwater wetland in Barpeta district Assam	Pollution Research	2009/28(3) : 534-542	0257-8050, peer Reviwed, Scopus H Index-21,NAAS rating-4.97
5	Study on diversity and quantitative characteristics of Macrophyte of of Kapla Beel, A tropical flood plain wetland in Assam,	Pollution Research	2012/31(4) : 639-642	0257-8050,peer Reviwed, Scopus H Index-21,NAAS rating-4.97
6	Study of Medicinal plants in a flood plain wetland in Barpeta district, Assam, India.	Clarion, The CEEED	2012/Vol.1(2) 87-93.	2277-1697
7	A comperative study on some Physico-Chemical characteristics of drinking water in Rangia sub division, Assam, India,	Pollution Research	2015/34(2) : 367-369	0257-8050,peer Reviwed, Scopus H Index-21,NAAS

1	2	3	4	5 rating-4.97
8	Study on Kapla Beel Resources its utilization pattern and threats of the beel	Pollution Research	2015/34(4) : 789-792	0257-8050,peer Reviewed, Scopus Index-21,NAAS rating-4.97 H
9	Kapla Beel and its impact on socio-economic condition of dependent people	AJST	2015/6(4):128 2-1284.	0976-3376 peer Reviewed Impact factor:-6.315
10	Diversity of Aquatic hemiptera in Ghaga beel of Nalbari district.	AJST	2015/6(4):147 2-1473.	0976-3376 peer Reviewed Impact factor:- 6.315
11	Study of Medicinal plants in Pitkata beel, A freshwater wetland in Kamrup district (Rural)	Barama college Research Journal	2017-18/ Vol. III.No:-1:129 -134	2455-6637
12	Study on fish diversity of Barkana beel, A freshwater wetland in Barpeta district, Assam	Ajanta	2019/Vol-III, Issue- II: 163-166	2277-5730,Peer Reviewed Referred and UGClistered J.No-40776 Impact factor:- 5.5(2018)
13	Study on Macrophyte diversity of Barkana beel, A freshwater wetland in Barpeta district, Assam	ACTA Journal	2019/ VOLUME- XLI. 249-252	2229-693X, Peer Reviewed

b)Research paper in Seminar Proceedings :

Sl. No.	Title of the Paper	Seminar Topic	Duration	Organised by
1	Study on Macrophyte community of Kapla Beel, A freshwater wetland in Barpeta district, Assam	Natl.Sem on Plant Resource Management and Conservation strategies in N. E. India.	2011.	Dept.of Botany , Cotton College
2	Study on diversity of fish in Kapla Beel and its exploitation pattern	Natl. Seminar on Biodiversity Spectrum of North East India	2012	Dept. Of Zoology, Arya vidyapeeth College
3	Study on some Physico-Chemical parameters from soil samples of paddy fields of Barigog-Banbhag development block of Nalbari district, Assam.,	Natl.Seminar on Alternative Approaches..	2016	Dept. of Botany, SBMS College

c) Chapters in Edited Books:-

Sl. No.	Name of the Book	Title of the Chapter/ Article	Year of the publication	ISBN
1	Perception (Published by IQAC, Barbhag College)	Study on different types of Non-Conventional sources of energy and solution of rural energy problem	2012	978-81-910812-5-1.
2	Aamar Paribesh Kichu chinta duchshinta (Published by IQAC, Barbhag College)	Jalashay and Jibika	2012	978-81-910812-9-9.
3	Entrepreneurship development	Self Employment and fish culture	2015	978-81-910812-4-4.
4	Pioneering North East	Present status of wetlands and socio-economic condition of fishermen, A Review	2015	978-81-910812-7-5
5	Sapience	Human Evolution	2016	978-81-92178-63-9.
6	Various dimensions of women empowerment in India	Role of women in Environment Protection	2021	978-93-90818-30-3.
7	ENVIRONNER	Ecotourism and Sustainable Development	2023	978-93-82687-56-6

d) Books published as an Author:-

Sl. No.	Name of the Book	Year of Publication	ISBN
1	Uchhatar Madhyamik Dwitiya Barshikar Byavaharik Jivavigyan	2015	978-81-7331-338-7

C) Others:-Various Articles are published in College Magazine and other magazines.

b) Participation in Corporate life:

(a) College Level

Sl. No	Types of activities	Period
1	Field study (Educational excursion with students of TDC 4 th Semester and H S 1 st year)	From Session 2013-14 to 2016-2017
2	Admission related works (Member of Admission Committee)	From Session 2013-14 to 2021-2022
3	Students' union election (Presiding officer, Polling officer & Counting Supervisors)	From Session 2013-14 to 2021-2022
4	Cell and Committee members	
5	Examinations (Asstt.Incharge, Paper setter of G.U. and college	From Session 2013-

	internal examinations, Invigilators, Supervising officer, and Practical External Examiner etc)	14 to 2021-2022
6	Evaluation (GU Exam, College Internal Exam etc)	From Session 2013-14 to 2021-2022
7	IQAC (Assistant Co-ordinator)	From 2019
8	Student union In-charge (Boys common room, Social service, and Sports incharge)	For the Session 2016-17and 2020-21, 2015-16 and 2018-19 respectively.
9	Any other (Magazine Advisor)	For the Session 2013- 14 and 2017- 18

b)Extension activities in Community:

Sl. No.	Name of the Activity (Lecture, Resource person etc.)	Date
1	Resource Person – In High school science Teachers’ training camp on innovative science teaching, Organised by- Assam Science Society	From 21 st January to 28 th January,2001
2	Judge for District level Science Exhibition, Organised by RMSA, Nalbari	13-11-2014
3	Evaluator in District level Children’s Science Congress	25-09-2016
4	Judge for block level science based competitions, Organised by Aryabhata Science Centre, Barbhag Development Block	20-09-2016
5	Judge for block level science based competitions, Organised by Aryabhata Science Centre, Barbhag Development Block.	17-02-2018
6	Free coaching for the students of class –X, Organised by-Juva Mancha, Barbari, Nalbari.	02-07-2019
7	Judge for block level science based competitions, Organised by Aryabhata Science Centre, Barbhag Development Block.	25-10-2019
8	Evaluator in District level Children’s Science Congress	12-10-2019
9	Outreach Programme by college in rural schools project catalyzed and supported by ASTEC, Department of science and Technology, Govt. Of Assam.	2019
10	Evaluator in District level Children’s Science Congress	11-12-2022
11	Resource Person of World Earth Day Program held in Children Guide Academy and organised by Nature club, Barbhag College and Sandhan (NGO)	21-04-2023
12	Resource Person – Seminar on Science Teaching, organised by Innovative and Community Learning Hub, Barbhag Kalag H S School in collaboration with Barbhag College.	03-05-2023

11.Membership of Professional Bodies/ Others:

- a) Life member of The Indian Science Congress Association (Membership No.-L28656).
- b) Member of Assam College Teachers Association.
- c) Mentor, Mission Arohan.

d) Mentor, Standard Club, Barbhag College (Under Bureau of Indian Standards, Guwahati Branch Office)

e) SAMARTH, Barbhag College, Nodal Officer.

f) Assistant Coordinator, Unnat Bharat Abhijan, Barbhag College.

g) Editor of the Book- “ ENVORONNER”.

12.RC/OP/FIP/FDP/STC/Any other course

Sl. No.	Name of the Programme	Duration (from—to--)	Name of the Institution	Remarks
1	Orientation Programme (OP-100)	28-07-2014 to 24-08-2014	UGC Academic Staff College, GU	
2	Refresher Course in Environmental Science	08-12-2016 to 28-12-2016	UGC, HRDC,G.U.	
3	FDP on Open Source Tools for Research	08-06-2020 to 14-06-2020	TLC, Ramanujan College,Univ.of Delhi.	
4	Refresher Course in Life Sciences (Interdisciplinary)	12-08-2020 to 25-08-2020	UGC, HRDC, Univ. of Kerala	
5	FDP on Academic Writing	18-02-2021 to 24-02-2021	TLC, Ramanujan College,Univ.of Delhi.	
6	FDP on Research Methodology	26-04-2021 to 01-052021	Kamla Nehru Mahavidyalaya, Nagpur	
7	FDP on Recent Trends in Research in Social Science and Humanities	14-02-2022 to 19-02-2022	IQAC, Barbhag College, Assam in,Collaboration with ICT Academy.	
8	Refresher Course in Zoology	21-11-2022 to 05-12-2022	North- Eastern Hill University, Shillong.	
9	UGC Approved Short- Term Professional Development Programme on Implementation of NEP-2020 FOR University and College Teachers’	12-06-2023 to 20-06-2023	IGNOU, New Delhi, under PMMMMNMTT	

13. Workshop/Seminars/Conferences/ symposia.

Sl. No.	Paper presentation/ Participation	Title of the Paper	Seminar Topic	Organised by	Durati on
1	Paper presentation	Physico-chemical characteristics of water of Kapla beel, A freshwater wetland in Barpeta district, Assam	Natl. Seminar Challenging Frontiers in Applied Zoology	Zoological Society of Assam and Dept. Of Zoology, Rangia college	25 th - 26 th Aug, 2006
2	Paper presentation	Study on Diversity of Fish in Kapla beel and its exploitation pattern	Natl. Seminar on Biodiversity Spectrum of North East India	Dept. Of Zoology, Arya vidyapeeth College	18 th – 19 th Sept, 2009
3	Paper presentation	Study on Macrophytes community of Kapla Beel, Freshwater wetland in Barpeta district of Assam	Natl. Seminar on Plant Resource Management and conservation strategies in N.E.Region.	Dept.of Botany, Cotton college, Guwahati.	18-19 Feb, 2011
4	Paper presentation	Study on Medicinal plants in a Floodplain wetland in Barpeta district, Assam.	18 th International Conference (Post – ISCBC-2012)innovation cross roads	IASST and Indian Society of Chemists and Biologists, Lucknow, India.	28 th - 30 th Jan, 2012
5	Paper presentation	Study on some Physico-chemical parameters from soil samples of paddy fields of Barigog –Banbhag development block.	Natl. Seminar on Alternative approaches In Agriculture..... Human health	Dept.of Botany, SBMS College, Sualkuchi, Kamrup	24 th - 25 th June, 2016
6	Paper presentation	Role of teachers in Higher Education	Natl. Seminar on Recent Trends in Higher Education in India: Issues &Challenges	Guwahati college Teacher's Unit	25 th - 26 th Aug, 2018
7	Participation		Seminar on Challenges of Examination.....courses	ACTA, Nalbari Zonal Committee	6 th Dec, 2018
8	Participation		F D P Conducted at Nalbari College	Kalinga University	06-07 th April, 2018

9	Participation		NAAC sponsored Workshop on EnsuringRoad	Chilarai College, Dhubri	27 th -28 th Sept., 2019
10	Participation		Webinar on Awareness Programme on... online Resources	Barbhag College	29 th May, 2020
11	Participation		Webinar on World's Lockdown andof nature	UCB Library of KHS College	5 th June 2020
12	Participation		Natl. Seminar on Coping withEnvironment	R.G. Baruah College	4 th June, 2020
13	Participation		E-Counselling Programme cum webinar on Mental health..... coexistence	Women's Forum, KBVS&AS University	30 th July, 2020
14	Participation		Natl. webinar on An introduction to Digital....Assessment	ACTA and ACLA	9 th June, 2020
15	Participation		Natl. webinar on Motivation and.....Management	IQAC Hatichong College	04 th July, 2020
16	Participation		International webinar on DemystifyingTaxonomy	Dept. Of Zoology, Assam Don Bosco University	5 th Sept, 2020
17	Participation		International webinar on Cancer Biology	Dept.of Botany and Biotec. Newman College, Kerala	19 th Sept, 2020
18	Participation		Natl. webinar on Structural basis of.....genetic code	Dept of Zoology, Digboi College	06 th Sept, 2020
19	Participation		Seminar on Importance of IPR....Prespectives	IQAC, Barbhag College	27 Jan, 2021
20	Participation		Workshop on IPR	IQAC, Barbhag College	10 th Jan, 2022
21	Participation		Natl. Seminar on August KrantiStruggle of India	Dept. Of History, Barbhag College	11 th and 12 th Feb,

					2022
22	Participation		Natl. Webinar on Gender Equity.....and the Route	D.A.V. Colleg Abohar (PB), PG Dept. Of Pol.science	March, 2022
23	Participation		International women Day Programme (IWD)-2022	Women cell, Barbhag college Teachers' Unit	8 th March, 2022.
24	Paper presentation	Study on some Physico-Chemical Characteristics of water of a flood Plain Wetland in Barpeta District, Assam.	International Seminar on – Environmental Sustainability and Conservation : Issues and Challeges.	Organised by- IQAC, Bongaigaon College and Sponsored by- ICSSR	3 rd and 4 th Novem ber, 2022
25	Participation		Participated in two days Residential Training Programme for Mentors of Standard Club	BIS, Guwahati, Assam	24 th and 25 th July, 2023

14.M.R.P./ Research Projects Completed :-

1. Minor Research Projects on Ecological Studies of Kapla Beel, A freshwater wetland in Barpeta district, Assam. UGC approval No.-F.5-119/2004-05 MRP/NERO/2642 Dated 06th October,2004.

2.Minor Research Projects on Ecological Studies of 28,29,68 Barkana Beel, A freshwater wetland in Barpeta district, Assam. UGC approval No.-F.5-458/2014-15 MRP/NERO/2242 Dated 17th February,2015.

15. Research Project Applied :- (Collaborative Project)

Title :- *Implementation and Evaluation of PMAY-G, PMAY-U in Barpeta, Kamrup (R) and Nalbari district of Assam.*

Submitted to- Indian Council of Social Science Research (ICSSR).