

Personal Profile of Dr. Rantu Mani Deka

1. Name: Dr.Rantu Mani Deka.
2. Email & Contact No.: bishalaksidedeka@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/ Whether 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 Reviewed, 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 Reviewed, 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 Reviewed, 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 Reviewed, 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 Reviewed, 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 Reviewed, 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 Reviwed, Scopus H Index-21,NAAS rating-4.97 |
| 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 Reviwed Referred and UGClsted 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 Reviwed |

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 Conservati on 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.Seminr 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. |

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 internal examinations, Invigilators, Supervising officer, and Practical External Examiner etc) | From Session 2013-14 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 campon innovative science teaching, Organised by- Assam Science Society | From 21 st January to 28 th January,2001 |
| 2 | Judge forDistrict 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 |

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.

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 | 08-06-2020 to | TLC, | |

| | | | | |
|---|--|--------------------------|---|--|
| | Research | 14-06-2020 | 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 01-05-2021 | Kamla Nehru Mahavidyalaya, Nagpur | |

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 | Role of teachers in | Natl. Seminar on Recent Trends in | Guwahati | 25 th - |

| | | | | | |
|----|---------------|------------------|---|--|--|
| | presentation | Higher Education | Higher Education in India: Issues & Challenges | college Teacher's Unit | 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 Biotech. 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 |

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|----|---------------|--|---|---|---|
| 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. |

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.