



B. BOROOAH COLLEGE
(Affiliated to Gauhati University)
GUWAHATI, ASSAM,
781007, INDIA

(Nationally accredited with 'A' grade by NAAC)

Estd: 1943

Dr. Janardan Pathak, Ph. D
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Faculty Profile

1. Name in full: **Dr. Janardan Pathak**
2. Designation: Assistant Professor, Stage II
3. Date of Joining: 23-03-2019
4. Academic qualification: B. Ed., M. Sc., Ph. D.
5. Specialization: Fish and Fishery Biology
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7. Phone: +91 9954154785 (M)
8. E-mail: jan.pathak66@gmail.com
9. Date of Birth: 01-03-1976
10. Sex: Male
11. Nationality: Indian
12. **Academic qualifications:**



Qualification	Year of passing	University/ Board
HSLC	1991	SEBA
HS	1994	AHSEC
B.Sc.	1997	Gauhati University
M.Sc.	2000	Gauhati University

13. **Title of the Ph. D Thesis:** Studies on plankton dynamics in a freshwater pond aquaculture system in Assam (Obtained Ph. D in 2010 from Gauhati University)

14. **Publications:**

(a) **Book:** (Please indicate title, publisher and year of publication)

1. Mridul Kr. Borthakur, **Janardan Pathak**. Practical Zoology - Non Chordates. 2021. Ashok Publication. ISBN: 978-93-90942-06-0.

(a) **Book chapter:**

1. **Janardan Pathak**, M. M. Goswami. Morphometrics and accretion profile of the ornamental fish, *Osteobrama cotio* (Hamilton-Buchanan, 1822) from Chandubi

wetland, Assam, Northeast India. *Bioluminescence*. 2020, pp-243-250. EPH Publishers. ISBN: 978-93-88881-90-6.

15. Research Papers published in National and International Journals, proceedings of seminar (Please indicate title, Name of the journal, page no. and year of publication)

- (i) Mrigendra Mohan Goswami, **Janardan Pathak**, Arunav Borthakur. Studies of *Channa barca* (Hamilton-Buchanon, 1822) with reference to its biometric characteristics and habitat in Assam. *Research Journal of Contemporary Concerns*, 2003, 1
- (ii) Mrigendra Mohan Goswami, Arunav Borthakur, **Janardan Pathak**. Comparative biometry, habitat structure and distribution of four endemic snakehead (Teleostei: Channidae) species of Assam, India. *Journal of the Inland Fisheries Society of India*, 2006, 38(1): 1-8
- (iii) **Janardan Pathak**, Subhash Chandra Dey. Accretion profile of the Clupeid fish *Gudusia chapra* (Hamilton, 1822) from the Brahmaputra River System of N.E. India. *Tropical Zoology*, 2007, 4; 35-40
- (iv) **Janardan Pathak**, Mrigendra Mohan Goswami. A comparative study of the seasonal trend of heleoplankton in two freshwater aquaculture ponds of Guwahati. *Aquaculture*, 2008, 9(2): 157-165
- (v) **Janardan Pathak**, Mrigendra Mohan Goswami. Diel dynamics of heleoplankton in relation to some physico-chemical attributes of water in an aquaculture tank in Guwahati, Assam. *Journal of Applied and Natural Science*, 2012, 4(1): 16-22. <https://doi.org/10.31018/jans.v4i1.215>
- (vi) **Janardan Pathak**, Mrigendra Mohan Goswami. Diurnal variation in the abundance of zooplankton in an aquaculture tank in Guwahati, Assam. *Zoon*, 2014, 12: 6-13
- (vii) Kamaljyoti Charkavorty, **Janardan Pathak**, Mrigendra Mohan Goswami. Study of the morphometry and meristic analysis of three *Mystus* species from the Chandubi Beel, Kamrup District, Assam. *International Journal of Life Sciences Scientific*, 2016, 2(4): 478-487. <https://doi.org/10.21276/ijlssr.2016.2.4.26>
- (viii) **Janardan Pathak**, Mrigendra Mohan Goswami. Accretion profile of *Labeo bata* (Hamilton, 1822) from Chandubi wetland, Kamrup, Northeast India. *Zoon*, 2016: 14: 41-46
- (ix) **Janardan Pathak**, Mrigendra Mohan Goswami. Ichthyofaunal resource of Chandubi wetland, Assam, India: Threats and conservation. *Bulletin of Environment, Pharmacology and Life Sciences*, 2021, 10(4): 235-244

16. Paper presentation in National & International Seminars: (Please indicate title of the paper, Name of the seminar, date or duration, organizer etc.)

- (i) Assessment of some limnological attributes of Chandubi wetland with special reference to its plankton diversity. National seminar on recent advances in

Zoological research and Integrative Biology, organized by Department of Zoology, Cotton University from 27 to 28 February, 2017.

- (ii) A comparative study on the biometry of four species of ornamental Glass fish from Chandubi wetland, Assam, Northeast India. Regional seminar on Science for Sustainable Development, organized by Department of Chemistry, B. Borooah College in collaboration with Assam Science Technology and Environment Council, Govt. of Assam on 9 January, 2019.
- (iii) Phytoplankton community structure and abundance in an aquaculture pond of Guwahati, Assam. International Conference on 'Progress and Challenges in Modern Day Science' organized by Department of Chemistry, B. Borooah College in association with Assam Science Society from 17 to 18 June, 2021.

17. Seminar/conference/Symposium attended excluding paper presentation: (Please indicate Name of the seminar, date or duration, organizer etc.)

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

- (i) Attended Orientation Programme organized by UGC at North-Eastern Hill University, Shillong, from 5 May to 1 June, 2015.
- (ii) Hands on training on recent advances in practical curricula of UG courses in Zoology organized by Department of Zoology, Gauhati University, from 9 to 5 March, 2015.
- (iii) Faculty Development Programme on Use of ICT tools for classroom teaching organized by Electronics and ICT Academy, IIT Guwahati, supported by Ministry of IT, Govt. of India and B. Borooah College from 21 to 27 May, 2018.
- (iv) Workshop on MOOCS and E-content development organized by B. Borooah College from 28 to 29 January, 2019.
- (v) Refresher Course on Life Science, organized by UGC at HRDC, Gauhati University from 17 to 30 October, 2019.
- (vi) Faculty Development Programme on Module Learning Management System organized by B. Borooah College from 4 to 10 January, 2021.
- (vii) Faculty Development Programme on Mentoring Pedagogy and Teaching for Higher Education organized by E&ICT Academy, IIT Guwahati from 28 June to 4 July, 2021.
- (viii) State level two days online workshop on LaTeX organized by Department of Mathematics, B. Borooah College in collaboration with Assam Academy of Mathematics from 14.to 15 July, 2021.

19. Research experience (other than M. Phil, Ph. D.)

- (i) Project fellow in UGC-SAP (DRS) Project on Aquaculture and Biodiversity, Gauhati University, from 1 August, 2003 to 20 June 2015.

20. Projects

- (i) Major Project on 'Assessment of some limnological attributes and fish resources of Chandubi with a participatory approach to conserve the threatened fish species' sponsored by ASTEC, Govt of Assam, (Sanctioned amount 7.69 lakhs; period 2 years).