

CURRICULUM VITAE

Name: DR. PIJUSH PAYRA

Designation: Assistant Professor

Departmental Name: Fishery and Farm Management & Industrial Fish and Fisheries (HOD)

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PIN-721441



Educational Qualification:

- ✚ Ph.D., Aquaculture Management & Technology awarded from Vidyasagar University, Paschim Medinipur, West Bengal (2018). Thesis entitled “**Studies on the Eco-Biodiversity of Negua Diversion Canal of Purba Medinipur district with special reference to fish production**” (in accordance with the provisions of the Ph.D. regulations, 2009 of UGC).
- ✚ M. Sc. (2011) in Aquaculture Management & Technology from Vidyasagar University (**Gold medalist**).
- ✚ B.Sc. (2009) in Zoology (Hons.) from Midnapore College (Vidyasagar University).

Career profile/Teaching Experience: Under Graduate level – 5 years (up to till date)

Specialization/ Research Area: My research work focuses on adult fish population diversity, planktonic variety and density, microbial diversity of water and soil, effect of agricultural waste

water on fishes. Apart from that I have also worked on Crafts and gears operated in the Coastal area of Sothern part of West Bengal.

Broad area of research: Fishery Science

Specific area of research: Aquaculture

Research Experience: 7 years (up to till date)

SEMINAR /WORKSHOP/ CONFERENCE ATTENDED:

1. Participated in three day International level seminar on **“PROBLEMS AND PROSPECTS OF COASTAL AQUACULTURE AND APPLICATION OF BIOTECHNOLOGICAL TOOLS FOR RURAL DEVELOPMENT”** during March 1-3, 2013.Organized by Aquaculture Management and Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
2. Participated in seven day DBT Sponsored National Level Workshop on **"Current Trends of Biological Research at Crossroads of Science" from May 17- 23, 2013.** Organized by Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
3. Participated in five day NFDB Sponsored Skill Development Training Program on **Indian Major Carps and Ornamental Fish Culture, Marketing & Management during March 1-5, 2013.** Organized by Aquaculture Management and Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
4. Participated in Special lecture on **“Next Generation DNA Sequencing: An Advance Technology”** on November 26, 2012 .Organized by Vidyasagar University Research Scholars’ Association (VURSA), Vidyasagar University, Midnapore, 721102, West Bengal, India.
5. Participated in two day National Seminar on **“Role of University in Societal Development”** held during February, 12-13, 2014. Jointly organized by Vidyasagar University Alumni Association and NSS of Vidyasagar University at B.N. Sasmal Hall, VU campus.
6. Participated in two day National Seminar on **“Climate Change, Bio-Resource and Green Bio-technology”** held during March, 12-13, 2011. Organised by Vidyasagar University in the B.N. Sasmal Hall, VU campus.

7. Participated in one National seminar on **“Research Methodology in Higher Education”** held at Vidyasagar University on March 19, 2013. Organized by Vidyasagar University Research Scholars’ Association (VURSA), Vidyasagar University, Midnapore, 721102, West Bengal, India.
8. Participated in three day International level seminar on **“PROBLEMS AND PROSPECTS OF COASTAL AQUACULTURE AND APPLICATION OF BIOTECHNOLOGICAL TOOLS FOR RURAL DEVELOPMENT”** during March 1-3, 2013. Organized by Aquaculture Management and Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
9. Participated in one day State level seminar on **“Ecorestoration”** on 12th February, 2015. Organized by Belda College, Belda, Paschim Medinipur, Pin- 721424, West Bengal, India.
10. Participated in two day National level seminar on **“Natural Resources Development Strategies through Biotechnological Approaches”** during 23 – 24 March, 2015. Organized by Aquaculture Management and Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
11. Participated in UGC sponsored two day National Seminar on **“Perspectives in Animal Sciences: Research and Application”** during 23-24th, November, 2015. Organized by Department of Zoology, Midnapore College, Midnapore, West Bengal, India.
12. Participated in UGC sponsored two day National Seminar on **“Microbiology in 21st Century (NSM21C-2016)”** during 29th Feb to 1st March, 2016. Organized by Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
13. Participated in two day National level seminar on **“Present Status of Fisheries in West Bengal”** during 06 – 07 December, 2016. Organized by dept. of Aquaculture Management and Zoology, Ramnagar College, Depal, Purba Medinipur, West Bengal, India.
14. Participated in one day Seminar cum Exhibition on **“Innovative Research in Science, Literature and Culture”** held at Vidyasagar University on 24th Januray, 2017. Organized by Vidyasagar University Research Scholars’ Association (VURSA), Vidyasagar University, Midnapore, 721102, West Bengal, India.
15. Participated in one day Awareness Programme on **“National Mission on Education Through Information and Communication Technology (NMEICT)”** on 16th

February, 2018. Jointly organized by National Institute of Technology Durgapur and Ministry of Higher Education, Govt. of W.B. at Ramnagar College, Depal, Purba Medinipur, West Bengal, India.

16. Participated in one day National Seminar on “**Health Risk of Processed Food**” on 9th March, 2018. Organized by dept. of Chemistry and Nutrition, Ramnagar College, Depal, Purba Medinipur, West Bengal, India.

PAPER PRESENTED:

1. Presented paper in three day International level seminar on “**PROBLEMS AND PROSPECTS OF COASTAL AQUACULTURE AND APPLICATION OF BIOTECHNOLOGICAL TOOLS FOR RURAL DEVELOPMENT**” during March 1-3, 2013. Organized by Aquaculture Management and Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India.
2. Presented paper in one day State level seminar on “**Ecorestoration**” on 12th February, 2015. Organized by Belda College, Belda, Paschim Medinipur, Pin- 721424, West Bengal, India.
3. Presented paper in UGC sponsored two day National Seminar on “**Microbiology in 21st Century (NSM21C-2016)**” during 29th Feb to 1st March, 2016. Organized by Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, West Bengal, India.

LIST OF PUBLICATIONS:

1. **Pijush Payra**, Basudev Mandal and Ganesh Chandra Rana (2013). Seasonal variation of plankton in the brackish water-fed canal and their role in fish production. *International Journal of Advanced Biological Research*, 3 (3): 397-404. (Ethiopia).
2. **Pijush Payra**, Basudev Mandal and Ganesh Chandra Rana (2014). Crafts and gears operated in brackish water fed canal for harvesting fishes in different seasons to maintain livelihood of the fishermen communities. *International Research Journal of Biological Sciences*, 3(9): 1-7.
3. Tanamy Paul, Suman K. Halder, Arpan Da, Kuntal Ghosh, Arpita Mandal, **Pijush Payra**, Prasenjit Barman, Pradeep K. Das Mohapatra, Bikas Ranjan Pati and Keshab C. Mondal(2014). Production of chitin and bioactive materials from Black tiger shrimp

(*Penaeus monodon*) shell waste by the treatment of bacterial protease cocktail. 3 *Biotech*.DOI 10.1007/s13205-014-0245-6

4. Basudev Mandal , **Pijush Payra** and Tapas Pradhan (2015). Availability of Marine Molluscs in Digha coast: threats and sustainability. Proceedings of state level seminar, organized by Deptt. of Zoology, Belda College.
5. Basudev Mandal, **Pijush Payra** and Ratan Samanta (2015). Seasonal availability of crabs and their distribution in Digha coast. *International Research journal of Basic and Applied Sciences*; 01: 27-30. (ISSN No. 2455 6718)
6. **Pijush Payra**, Riyanka Maity, Swaraj Maity and Basudev Mandal (2016). Production and marketing of dry fish through the traditional practices in West Bengal coast: Problems and prospect. *International Journal of Fisheries and Aquatic Studies*; 4(6): 118-123.(ISSN No. 2347-5129)
7. **Pijush Payra**, Basudev Mandal and Ganesh Chandra Rana (2018). Study of ichthyofaunal diversity of Nequa Diversion Canal of Purba Medinipur district. *Trends in Fisheries Research*; 7(3):24-39. [ISSN: 2319–474X (p); 2319–4758 (e)]
8. Suraj Kumar Dash, Arajush Payra, **Pijush Payra**, Himanshu Sekhar Palei, Rabindra Kumar Mishra and Arun Kumar Mishra. Present investigation of Ichthyo faunal Diversity in Ansupa lake, Cuttack, Odisha, India. *e-planet* (accepted on 08.12.2018).

Additional Qualification /Achievements:

- ✚ Ranked 1st place in M.Sc. (Aquaculture Management and Technology) in Vidyasagar University, 2011.
- ✚ University volleyball champion in the year 2011.
- ✚ Selected as DST- INSPIRE FELLOW (JRF and SRF), Govt. of India.

Honours/Awards:

1. Invited as ‘**External Assessor**’ to assess the technical presentation (Aquaculture Practices) by the staff of IFB Agro Industries Limited held on 19th April, 2017 at Contai, Purba Medinipur.

2. Invited as **Resource Person** to deliver lecture on “Integrated Fish Farming” in NFDB, Hyderabad, Govt. of India sponsored skill development Programme held on 24.06.2018 at R.K. Hall, Vidyasagar University.

Social activities:

- ❖ Organizing member of “**Voluntary Blood Donation & Thalassemia Test-2014**” by Vidyasagar University Research Scholars’ Association in Vidyasagar University.
- ❖ Selected as Secretary, VURSA, Vidyasagar University.
- ❖ Selected as Secretary, AMT Alumni Committee, Vidyasagar University.
- ❖ Organizing member (Jt. Secretary) of the Departmental Seminar entitled “Culture and Management Practices of Indian Major Carps” held on 10.09.2015 at Ramnagar College.
- ❖ Organizing member (Jt. Convener) of the two day National Seminar entitled “Frontiers of Fisheries Research: Problems and Prospect” held on 31st January to 1st February, 2019 at Vidyasagar University.

Computer Proficiency:

- ✚ Basic knowledge on Microsoft- Word , Excel, power-point , publisher and other basic things
- ✚ Can operate computers and internet with ease

Course/ Subject Taught: Fishery and Farm Management (B.Voc) & Industrial Fish and Fisheries (Major)

Declaration:

I, Dr. Pijush Payra do hereby declare that all the statement made in this CV are true, complete and correct to the best of my knowledge and belief.

Date:

Place:

(Pijush Payra)