Name of the faculty: Dr. Rakhi Das

Designation: Asst. Professor

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y.edu.in

Contact No: +91 8910747437

Educational Qualification:

Ph.D in Applied Aquaculture

Total Experience: 3 years

Areas of Interest:

Aquaponics, Fish feed Formulation, Aquaculture

Brief Profile:

Passionate Fisheries Scientist, engaged in aquaponics technology based research. Expertise on nature conservation, water quality assessment, sustainable water management,, Hatchery management, protection of bio resource applying bio technology, knowledge in producing organic food in arid & infertile land. Eager to contribute to team success through hard work. Believe in honesty & humanity, so prefer to remain always hones

Research publications in International Journal:

1Das, Rakhi, (2017). Fish Food Formation in Aquaponics System Utilizing A Requisite Protein Sources. *International Journal of Creative Research Thoughts*, Vol 5 (4), ISSN: 2320 – 2882.

2. Das, Rakhi, (2018). Constitute A Compact Aquaponics System in Indian Premises & Confront Hurdles to Assemble This System. *International Journal for Research in Applied Science & Engineering Technology*, Vol 6 (1), ISSN: 2321 – 9653.

3. Das, Rakhi, (2019). Inspect the Effect of Assemble Aquaponics System to Protect the Bio Treasures: Indigenous Fish, Fresh Water, Land& Environment. *International Journal of Basic and Applied Biology*, Vol 6 (2), p-ISSN: 2349 – 5820, e-ISSN: 2349 – 5839.

4. Das Rakhi, (2023).Production of organic vegetables through Aquaponics: A way forward to sustain local food plants growth. *The Pharma Innovation*, SP-12(9), ISSN: 1150-1154.

6. Das Rakhi, (2023).To study the toxicity effect of super thermal power project on ecology in Narmada River in Madhya Pradesh. *International Journal of Innovative Science and Research Technology*, Vol 8, issue 9, ISSN: 2456-2165.

7. Das Rakhi, (2023). Analysis the progress of sea weed cultivation in India (Tamil Nadu).

International journal of novel research and development, Vol 8, ISSN: 2456-4184.
8. Das Rakhi,(2023). Behavioral syudy with special reference to breeding of Pygmy Halfbeak fish. *International journal of novel research and development*, Vol -9, issue 4, ISSN: 2456-4184.
9. Das Rakhi,(2023). A literature review on different types artificial feed for fishes and their effects. *The Asiatic Society of Mumbai,* Vol 97, ISSN: 0972-0766.
10. Das Rakhi (2023). The Role of Aquaponics in Indian Context. *Agriallis*, Vol 5, Issue 9, ISSN: 2582-368X.
11. Das Rakhi (2024). Farming Tomorrow: Exploring the authentic future of aquaponics in sustainable food production. *The Agriculture Magazine,*Vol 3, Issue 6. ISSN: 2583-1755.

Awards:

Achieved Jawaharlal Nehru Memorial Fund International Fellowship for pursuing PhD Research work.

Blogs:

1. Aquaponics: A future farming system and types of aquaponics technology.
2. Restorative Aquaculture: A solution for lessened the global warming.
3. Novel feed ingredients in Aquaculture.
4. Seaweed Farming: A future ocean farming.
5. The contribution of advanced technology in aquaculture.
6. The life changing power of aqua therapy.

Workshops/Seminers/Conference organized:

- Workshop on Artificial Fish Feed Formulation.
- VAC on build up start up business through processing of fish skin and Aqua therapy.
- Arrange workshop on safe your ocean from plastic pollution.
- Organize SAGE Winter school on Start up success.

1. Participated as Mentor in the "Regional Convention" of 2nd**AICTE-ECI-ISTE "Chhatra Vishwakarma awards- 2018"** held on 14th Nov 2018 under theme the theme of " Empowerment of Villages through Technologies".
2. Coordinated at national level workshop on "IOT" held at LNCT in association with Innovians Technologies on 23rd and 24th Feb, 2018.
3. **Successfully completed with Elite NPTEL Exam certificate** on subject "Big data computing" for 8 weeks course Feb-April 2019.
4. **Successfully completed NPTEL Exam certificate** on subject "Data Mining" for 8 weeks course Feb-April 2019.
5. **Successfully completed NPTEL Exam certificate** on subject "Introduction to Blockchain Technology and Application" for 8 weeks course February-April 2020.
6. **Successfully completed NPTEL Exam certificate** on subject "Machine Learning,ML" for 8 weeks course February-April 2020.
7. **Successfully completed NPTEL Exam certificate** on subject "Python for Data science" for 4 weeks course September-Oct 2020.