

## FACULTY PROFILE



### **Rahul Krishnan**

Assistant Professor

**Ph.D (Chonnam National University, South Korea)**

Aquatic Animal Health Management

### **Contact details**



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Dr. Rahul Krishnan is an alumnus of the Kerala University of Fisheries and Ocean Studies, where he earned his Bachelor of Fisheries Science degree. He Completed his Master of Fisheries Science in Aquatic Animal Health Management from ICAR- Central Institute of Fisheries Education, Mumbai in 2017. His masters research work was awarded with the Institutional award for the best MFSc. Research work and Dr. Jalihal award Gold medal for the best master's research in fisheries science. He received the National Research Foundation of Korea Scholarship to Pursue his doctoral studies and obtained his doctoral degree in Aqualife Medicine with specialization in Fish Virology and Immunology from Chonnam National University, Republic of Korea in 2021. After Ph.D., he was selected for the National Research Foundation of Korea's Staff Research programme to work on the epigenetic regulation of fish antiviral immunity and worked as a research scientist at Chonnam National University until he Joined KUFOS. For the last seven years he has been involved in the areas of research pertaining to the aquatic animal pathophysiology, aquaculture virology and molecular immunology. He is a recipient of the K C Naik Award for the Best Fisheries Graduate of India in 2015 and IFSI Dr. JK Jena Gold Medal for the Best Young Scientist in 2022.

## **Teaching:**

- ❖ Aquaculture Virology and pathology
- ❖ Aquatic Animal Epidemiology
- ❖ Fish pharmacology and Toxicology
- ❖ Aquatic animal Medicine

## **Research Areas:**

- Fish virology and immunology
- Vaccines and immunostimulants
- Antimicrobial resistance
- Toxicology

## **Key Management Roles:**

- Principal Investigator and In-charge of State Referral laboratory for Aquatic Animal Disease Diagnosis and Quality Testing
- Member Secretary and Biological Scientist, Institutional Animal Ethics Committee, KUFOS

## **Publications:**

- Researchgate: <https://www.researchgate.net/profile/Rahul-Krishnan-4>
- Google Scholar: <https://scholar.google.co.in/citations?user=74kU29wAAAAJ&hl=en>

## **Awards & Achievements:**

- Dr, J.K Jena Gold Medal for the Best Young Scientist 2022, Instituted by the Inland Fisheries Society of India.
- 2021 Research Staff program (2021-2023) fellowship instituted by National Research Foundation of Korea
- Dr. D.R. Jaliwal Award Gold medal 2018-19 for overall Best M.F. Sc research all India- ICAR-Central Institute of Fisheries Education, Mumbai, India

- Best poster award in fish pathology at 2019 KOFFST international conference held on 7th – 8th November 2019 at Busan, Republic of Korea.
- Excellence certificate for the 2019 school pub meeting organized by college of fisheries and ocean sciences, Chonnam National university, Republic of Korea.
- Overall best MFSc dissertation of ICAR-Central Institute of Fisheries Education, Mumbai, India for the year 2017-18.
- Best poster award in Animal virology at 26th annual conference of Indian Virological Society, Virocon-2017 organized by NITTE University, Mangalore, India from 7th to 9th December 2017.
- Dr. C. K. Nayak Award, for first rank in all India level competition of Best Fisheries Graduate of India-2015
- - professional Fisheries Graduate Forum, India.

#### **Ongoing Projects:**

- Revolving Fund project “Aquatic Referral laboratory- KUFOS”
- Development of Vaccines against Tilapia Lake Virus (TiLV) and Cyprinid Herpes Virus-2 of Fish in Indian Aquaculture System (Co-Principal investigator; 2023-Ongoing, Funded by DBT).
- National Surveillance programme for Aquatic Animal Diseases (Phase II) (Co-Principal investigator; 2023-ongoing)

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