

## Curriculum Vitae

### **RIYAS A.**

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### **Personal Details**

Date of birth : **25<sup>th</sup> May 1991**  
Sex : **Male**  
Marital status : **Single**

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Name & Designation of the Research Mentor:

**Dr. A. Biju Kumar,**

Dean of Science, Professor and Head,

Department of Aquatic Biology & Fisheries

University of Kerala, Thiruvananthapuram,

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Mob- +91- 94472 16157 Email: [bijupuzhayoram@gmail.com](mailto:bijupuzhayoram@gmail.com)

**Educational qualifications:** M. Sc., M.Phil.

MPhil (Aquatic Biology & Fisheries), University of Kerala 2015

MSc (Aquatic Biology & Fisheries), University of Kerala 2013

**Current Research**

Taxonomy of Neritic Jellyfishes (Cnidaria: Scyphozoa and Cubozoa) and Studies on Jellyfish Blooms from the Kerala Coast, India. (PhD topic)

Taxonomy, Diversity, Venom characterization and Environmental Impacts of Jellyfish Blooms along Kerala Coast. (Project)

### **Fellowships awarded**

Kerala University Junior Research Fellowship

Junior Research fellowship, KSCSTE project (2016)

### **Technical Skills**

- a). Microscopic Imaging techniques
- b). Knowledge of Computer, Internet and Photoshop (Cs6)
- c). Molecular biology techniques.
- d). Venom Characterization from jellyfish.
- E). LC-MS/MS techniques
- F) Real time PCR techniques
- G) Molecular Phylogenetics

### **Research Papers published in National/International peer reviewed Journals**

1. **Riyas, A** and Biju Kumar, A. 2020. First Record of Box Jellyfish *Tripedalia cystophora* Conant, 1897 (Cubozoa: Tripedaliidae) from India. *Thalassas*. <https://doi.org/10.1007/s41208-020-00242-8>
2. Komai, T., Ravinesh, R., **Riyas, A** and Biju Kumar, A. 2020. New records of two sponge-associated species of *Upogebia* Leach, 1814 from southern India (Decapoda: Gebiidea: Upogebiidae): *U. hexaceras* (Ortmann, 1894) and *U. nithyanandan* (Sakai, Türkay & Al Aidaroos, 2015) resurrected from the synonymy of *U. balmaorum* Ngoc-Ho, 1990. *Zootaxa*, 4747 (3): 477–494. <https://doi.org/10.11646/zootaxa.4747.3.3>
3. **Riyas, A.**, Bijukumar, A and Bhavik Vakani. 2019. First Record of Rhizostome jellyfish *Catostylus perezii* Ranson 1945 (Cnidaria: Scyphozoa) from the Indian Coasts. *Thalassas*, 35(2):519-524. <https://doi.org/10.1007/s41208-019-00157-z>
4. **Riyas, A** and Biju Kumar, A.2017.Records of record of freshwater jellyfish blooms of invasive *craspedacusta sowerbii* lankester, 1880 (hydrozoa,

limnomedusae) from Kerala, India. *Journal of Aquatic Biology & Fisheries*, 5:154-159.

5. Biju Kumar, A., Bhagyalekshmi, V and **Riyas, A.** 2017. Climate change, fisheries and coastal ecosystems in India. *Journal of Aquatic Biology & Fisheries*, 5:7-17.
6. Galil B.S., Bijukumar, A and **Riyas, A.J.** 2013. *Marivagia stellata* Galil and Gershwin, 2010 (Scyphozoa: Rhizostomeae: Cepheidae), found off the coast of Kerala, India. *BioInvasions Records* 2, 317–318.

### **Papers published in Abstract volume of National/International Symposia/Conference**

1. **Riyas, A** and Bijukumar, A. 2019. Jellyfish blooms along the southwest coast of India: current status and trends. 6<sup>th</sup> International Jellyfish bloom Symposium at Iziko South African Museum, Cape Town, South Africa during 4<sup>th</sup> to 6<sup>th</sup> November 2019 (Book of Abstract).
2. **Riyas, A** and Bijukumar, A. 2019. Venom proteome of three blooming jellyfishes *Chrysaora caliparea*, *Cyanea nozakii* and *Lychnorhiza malayensis* (Cnidaria: Scyphozoa) from the coastal waters of India. 6<sup>th</sup> International Jellyfish bloom Symposium at Iziko South African Museum, Cape Town, South Africa during 4<sup>th</sup> to 6<sup>th</sup> November 2019 (Book of Abstract).
3. Bijukumar, A and **Riyas,A.** 2019. Jellyfish blooms in India: ecosystem implications and socio-economic concerns. 6<sup>th</sup> International Jellyfish bloom Symposium at Iziko South African Museum, Cape Town, South Africa during 4<sup>th</sup> to 6<sup>th</sup> November 2019 (Book of Abstract).
4. **Riyas, A** and Biju Kumar, A. 2017. Jellyfish blooms in Indian coast: a status report. National Workshop on Coral Reef Ecosystem of West Coast of India: Current Status and Way Forward organized by ZSI at Jamnagar, Gujarat during 12 to 14 July, 2017(Book of Abstract)
5. **Riyas, A** and Biju Kumar, A. 2015. Jellyfish blooms along Kerala coast India. National Multi- Disciplinary Annual Research conference organized by University of Kerala at Thiruvananthapuram, Kerala during 15 to 18 December, 2015(Book of Abstract).

### **Paper presented in National / International symposia/seminars**

1. *A paper entitled* “Jellyfish blooms along the southwest coast of India: current status and trends” **In:** 6<sup>th</sup> International Jellyfish bloom Symposium, at Iziko South African Museum, Cape Town, South Africa during 4<sup>th</sup> to 6<sup>th</sup> November 2019.
2. *A paper entitled*” Venom proteome of three blooming jellyfishes *Chrysaora caliparea*, *Cyanea nozakii* and *Lychnorhiza malayensis* (Cnidaria: Scyphozoa) from the coastal waters of India. **In:** 6<sup>th</sup> International Jellyfish bloom Symposium at Iziko South African Museum, Cape Town, South Africa during 4<sup>th</sup> to 6<sup>th</sup> November 2019
3. *A paper a paper entitled* “Jellyfish blooms in Indian coast: a status report. National Workshop on Coral Reef Ecosystem of West Coast of India: Current Status and Way Forward” **In:** national seminar organized by ZSI at Jamnagar, Gujarat during 12 to 14 July, 2017.
4. *A paper a paper entitled* “Jellyfish blooms along Kerala coast India”. **In:** National Multi- Disciplinary Annul Research conference organized by University of Kerala at Thiruvananthapuram, Kerala during 15 to 18 December, 2015.

### **Participation of Workshops**

1. Workshop on Molecular Phylogenetics organized by Centre for Ecological Sciences, Indian Institute of Science, Bangalore during 1<sup>st</sup> to 5<sup>th</sup> October 2019.
2. Workshop on Popular Science Writing Organized by the Internal Quality Assurance Cell (IQAC), University of Kerala, Thiruvananthapuram during 11<sup>th</sup> and 12<sup>th</sup> March 2019.
3. Workshop on Biogeochemistry of Coastal Lakes organized by the Department of Environmental Science, University of Kerala, Thiruvananthapuram during 11<sup>th</sup> and 12<sup>th</sup> January 2018.
4. Principles and Applications of Wide- field and Confocal Microscopy/ Image analysis and Live cell imaging organized by the Global Initiative of Academic Network at University of Kerala, Thiruvananthapuram during 27 February to 4 March, 2017.
5. Capacity Building Workshop on Animal Taxonomy Organized by the Department Biology and Fisheries at Thiruvananthapuram during 25 to 26 March, 2017.

6. Workshop on Marine Biodiversity: Survey, Monitoring and DNA barcoding Methods Organized by Department of Aquatic Biology in collaboration with Florida Museum of natural History, University of Florida held at Thiruvananthapuram during 29 November, 2016.

### **Internships and Trainings**

1. One-month internship training programme on the instrument **Liquid Chromatography and Mass Spectrometry (LCMS/MS)** from the Sophisticated Instrumentation and Computation Centre, University of Kerala.
2. DBT sponsored **Short term training course in Real Time PCR Technologies** during 15<sup>th</sup> to 31<sup>st</sup> July 2019 at SCMS Institute of Bioscience and Biotechnology research and Development (SIBBR&D), Cochin.

### **Declaration**

I do hereby declare that the statements made in curriculum vitae are true to my knowledge and belief.

Place: Karyavattom

Date: 20/08/2020

Riyas A.