



Dr. Smitha N R
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Current position: Assistant Professor & HOD, Department of Zoology, The Cochin College
kochi-2

Date of Joining: 1-08-2014

Date of Retirement: 31-3-2033

Objective:

To pursue a career which can offer me continued learning and also provide with me enough opportunity to share my learning & knowledge for the benefit of others in the society.

Education:

2006,PhD- From Cochin University of Science & Technology. Cochin – Kerala.
Area of specialization: Microbiology.

1997 B.Ed - Mahatma Gandhi University, Kerala - 70%

1996 M.Sc Zoology, Mahatma Gandhi University, Kerala- 69%

1994 B.Sc Zoology, Mahatma Gandhi University, Kerala- 84%.

Research experience:

1. **Contractual Technical assistant** (April 2011-Feb 2012).
Central Marine Fisheries Research Institute.
2. **Senior Research Scientist** (from April 2007-Jan 2009)
Media Lab Asia- A section 25 company promoted by Department of Communication and Information Technology, Govt. of India.
3. **Senior Research Fellow** (1998-2001).
Central Institute of Fisheries Technology, ICAR, Cochin,

Teaching Experience Prior to the existing post:

1. **Lecturer (Visiting) Zoology** (from August 2010- April 2011)
Chikitsak Samuha's **S.S & L.S. Patkar College of Arts & Science And V.P. Vardae college of Commerce & Economics, Mumbai.**
2. **Guest Faculty Zoology The Cochin college- (August -2013-March 2014).**

Post Doctral Publications

1. "BIOMAG- Community Based Solid waste Management through Re-cycling and Up-cycling In an adopted ward of Corporation of Kochi, Kerala, India" Manju V Subramanian, Smitha N R, Vineeth Kumar T.V, Sooraj Abraham, Mujeeb Muhammed, Rasheed Ashraf. American Journal of Multidisciplinary Research & Development (AJMRD), volume 2, Issue 12 (December-2020), pp 01-08. ISSN: 2360- 821X
2. Isolation and Identification of Fungi associated with local fruits and vegetables from Kochi and Mattanchery Market , India. Kavya Vinayachandran, Arpitha M R, Manju V Subramanian, Smitha N R, Vineeth kumar T V, Princy Varghese. Bioscience discovery, 11 (4):239-248, Oct2020. ISSN:2229-3469 (Print), ISSN:2231-024X(online)
3. Quantitative studies on halophilic Pathogenic Vibrios in fish and fish Products. N.R Smitha, Leeji James, T.S.G Iyer, and S.Sanjeev. Fishery Technology, 2011, Vol.48 (1) pp.: 75-80.ISSN:0015-3001

Abstracts Published:

4. Participatory Epidemiology Via College partnerships: Citizen Science in action. Sooraj Abraham, Ajith N Babu, Smitha N R, Seema Joshy CR, Engelbert Jehaus, PS Ramkumar, Chandana Unnithan. GeoHealth-2017, geospatial public health symposium July 1-2, 2017. Hosted by Administrative staff college of India.
5. A study on the Oviposition of *Aedes aegypti* in ovitraps having different baits, NaCl and to determine the effect of light on *Aedes aegypti* oviposition and survival.
Farzana P.B and Smitha N R. Millennium zoology Vol.17 (1), 2016: 78.
6. Effect of Disinfectants on selected species of halophilic pathogenic Vibrios. Smitha N R and Sanjeev S. World Ocean Science Congress 5-8th Feb 2015, Kochi. WOSV/TS-3/OHH/PP/05. PP.69.
7. Screening of Actinobacteria with potential antagonistic activity against aquaculture pathogens from marine and mangrove sediments from the southwest coast of India.
Smitha N R, Kajal Chakraborty, Anusree V Nair, Leo Antony, and K.K Vijayan. Proceedings National seminar Microbiology and Microbial Technology. PP.28.

Training Programmes attended:

1. **Diagnosis and Treatment of Fish and Shellfish diseases** from 18th to 25th June 2007 at Division Of Aquatic Health Management , Central Institute of Fisheries Education (Deemed University) ICAR, Versova , Mumbai- 400061.
2. **Molecular Markers In Fisheries Research** from 12th to 19th September 2012, at NBFGR, CAR), Kochi Unit, CMFRI Campus, Kochi- 682018, Kerala.

Faculty Development programmes Attended :

1. **Refresher (ICAR- sponsored Winter School Programme on Antimicrobial resistance in fish and aquatic environment and its impact on human health:** 21 days, From 1-12-2017 to 21-12-2017, Central Institute of Fisheries Technology, Indian council of agricultural Research, Wellington Island, Kochi-682029.

2. **Orientation Programme:** UGC HRDC –Calicut University,28 days from 1-11-2018 to 28-11-2018.
3. **FDP on Skill intensification of teachers through technological integration**, organised by School of Legal studies Cochin university of Science and Technology kochi, Kerala-India- 682022 Nov 4-8 2019.
4. **Workshop on E-content development**, jointly organised by the IQAC The Cochin College and EMMRC, University of Calicut on 29th June, 2019.
5. **MOOC Course (e-certificate) on Online learning and Content development** from 18th April 2020 to 2nd May 2020 organized by Flair Kerala, directorate of Collegiate Education, Kerala.
6. **FDP on Research Methodology**, From October 1st to 11th 2020,Teaching Learning Center , Ramanujan College, University of Delhi, Under the aegis of Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.

Memberships:

1. SHAKTI KERALA,Reg. No: 729/11,State Unit of SHAKTI - A National Movement for Women(WOMEN'S WING OF VIJNANA BHARATI).
2. Zoological Society of Kerala,

Awards (Accademic):

1. Awarded **D D Kosambi Award 2018 by CUBE** –Collaboratively Understanding Biology Education, Homi Bhabha Center for Science Education, **Tata Institute of Fundamental Research**, Mumbai for cultivating scientific temper by remodeling the Curriculum.
2. **Best project award- Millenium Zoology Journal2017**,
Study on the Oviposition Preference of *Aedes aegypti* in ovitraps having different baits, Nacl and to determine the effect of light on *Aedes aegypti* oviposition. Issue 1,Vol-17,ISSN No 0973-1946.

Chapters Contributed:

1.Ecophysiology of Man

Published by Zoological society of Kerala.

Chapter: 10, Pg.No:230., ISBN: 9788193681831

2. Health and Nutrition

Published by Zoological Society of Kerala

Chapter 7:,Pg No:111-136,ISBN: 9788193962947

Papers presented in international seminars/conferences:

World Ocean science Congress-2015,India, Kochi

Poster Presentation: Effect of disinfectants on selected species of halophilic pathogenic vibrios.

Positions held at the College level after joining service:

1. College Council member
2. Member IQAC
3. Nature club convenor
4. Member library committee
5. Member Purchase committee