

Dr. SREEJAYA R

Designation : Assistant Professor

Official Address : Dept. of Zoology, St. Thomas College, Ranni, Pathanamthitta Dist- 689673.

Qualification: **MSc, BEd , SET, PhD**

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Profile in Detail

Academic records

PhD : Biosciences, Mangalore University. (Thesis title: Studies on spawning and larval rearing of the Whelk, *Babylonia spirata.*, (Linnaeus,1758) (Neogastropoda: Buccinidae), 2010

BEd. : Natural Science, St. Thomas College Pala, Mahatma Gandhi University, Kottayam, 2000

SET : Board of Higher Secondary Education, Kerala State, 2000

M.Sc. : Zoology, Alphonsa College Pala, Mahatma Gandhi University, Kottayam , 1999

B.Sc. : Zoology, Alphonsa College Pala, Mahatma Gandhi University Kottayam,1997

Pre-Degree: Science, Alphonsa College Pala, Mahatma Gandhi University Kottayam,1994

SSLC : Sacred Heart Girl's High School, Ramapuram, Board of Public Exam, Kerala state, 1992

Teaching Experience

Name of Institution : **St. Thomas College, Ranni**

Date of Joining : 14.03.2013

Position held : Assistant Professor

Period (from-to) : 2013 –to present

Teaching Experience : 8.5 Years

Name of Institution : **NSS Hindu College, Changanassery**

Period (from-to) : 02.06.2011 to 13.03.2013

Position Held : Guest Lecturer (FIP)

Teaching Experience (in Total) : 11 Years

Research experience

- 1) Research based on the “Development of seafarming Technology of the commercially important whelk, *Babylonia spp*” AP Cess Funded Project of ICAR as Senior Research Fellow (SRF) in Central Marine Fisheries Research Institute, Cochin (CMFRI) from 20.09.2000 to 20.04.2004.
- 2) Worked as Senior Research Fellow in Central Marine Fisheries Research Institute, Cochin (CMFRI), Govt. of India funded project “Technology upgradation in edible oyster farming through development of remote setting and floating upweller techniques” from 06.12.2004 to 05.03.2008.

Administrative Responsibilities held in College

- NSS Programme Officer : 2018 to till
- Coordinator Admission Committee : 2017-2018, 2018-2019
- Teacher in charge- Social Service Club
- Teacher in Charge- Nature club
- Teacher in Charge- Zoology Association

Responsibilities held at university level

1. Additional Examiner for theory examinations of BSc Zoology, Mahatma Gandhi University Kottayam.
2. External Examiner for Practical Examinations of BSc Zoology, Mahatma Gandhi University Kottayam.
3. Member of the Revaluation board of BSc Zoology, Mahatma Gandhi University Kottayam.
4. Question paper setter and member of the Scrutiny board of Autonomous college, Mahatma Gandhi University Kottayam.
5. Examiner for MSc Fishery Biology and Aquaculture (FBA), Theory , Centre for Professional & Advanced studies, Mahatma Gandhi University Kottayam, Chuttipara.
6. External Examiner for Practical and project viva MSc Fishery Biology and Aquaculture (FBA), Centre for Professional & Advanced studies, Mahatma Gandhi University Kottayam, Chuttipara.
7. Member, Pass Board of Examination MSc Fishery Biology and Aquaculture (FBA), Mahatma Gandhi University Kottayam.
8. NSS Program Officer of Unit No.44 of St. Thomas College Ranni from 01.04.2017 onwards.

Publications

1. Larval development and seed production in the 'whelk' *Babylonia spirata*. *J. mar. boil. Ass. India*, 2004, 46(1): 64-72
2. Cultch preference and growth of remote-set spat of the backwater oyster, *Crassostrea madrasensis* in varied salinities. *Mar. Fish. Infor. Ser., T & E Ser.*, 2006, 190: 5-8.
3. Remote setting of the yellow clam *Paphia malabarica* in India, *Mar. Fish. Infor. Ser., T & E Ser.*, 2006, 190: 8-13.
4. Survival of remote set seed of the clam *Paphia malabarica* : Effect of continued submergence and short term exposure to salinity variations. *Mar. Fish. Infor. Ser., T & E Ser.*, 2006, 190:13-16
5. Growth and survival of juvenile *B.spirata* (Linnaeus,1758) (Neogastropoda: Buccinidae) in different types of feed. Proceedings of the National Seminar on "Conservation of marine Environment and Management of Marine Fisheries" on February 2012, 5-12.
6. "Conservation of commercially important Whelk, *Babylonia spirata* (Linnaeus, 1758) (Neogastropoda :Buccinidae)" through hatchery technology Paper presented in National seminar organized by Research Development Committee and IQAC of St. Thomas College, Ranni on 22nd and 23rd Feb, 2019.

Seminars/Conferences/Symposium/Webinar attended.

1. National Webinar on "Virtual Labs for Experiential Learning in Science Domains" organized by Post Graduate Department of Physics & Research Centre, St. Xavier's College for Women, Aluva, in association with the National Institute of Technology, Karnataka, Surathkal on 20/03/2021.
2. One day workshop on "Role of Teachers in Innovation & Entrepreneurship Development" organized by Innovation and entrepreneurship development Centre in collaboration with IQAC, St. Thomas College, Ranni, on 1st January 2021.
3. International Webinar on Best practices in Research on "Enhancing Research Productivity" By Dr. George Varghese, in the international webinar Organized by the research committee & IQAC, St. Berchmans College, Changanacherry, Kerala, on 16th October 2020.
4. International Webinar on Best practices in Research on " Defining and Refining Quality Research" by Dr. Kuruvilla Joseph, in the international webinar Organized by the research committee & IQAC, St. Berchman's College, Changanacherry, Kerala, on 15th October 2020.
5. Lecture on "How to get your research paper accepted in a good journal; A journal editor's viewpoints" by Suresh C Pillai in the international webinar organized by the research committee & IQAC, St. Berchman's College, Changanacherry, Kerala, on 12th October 2020.

6. Webinar on “Rainwater Harvesting” organized by the Department of Biotechnology in association with Nature Club of Al-Ameen College, Edathala on 18th September 2020.
7. Online orientation program on “Solid Waste Management” organized by the Department of Biotechnology in association with Bhoomitrasena Club of Al- Ameen College, Edathala on 17th September 2020.
8. National Webinar entitled “Brain Inspired Memory: Future of Artificial Intelligence” organized by the Department of Physics, St. Thomas College, Ranni on 25th August 2020
9. National webinar on “ Human-animal Conflict” conducted by Department of zoology All Saints’ college, Trivandrum on 24th August 2020.
10. International Webinar titled “COVID & YOUTH: Changing priorities or New Opportunities?” Organised by the PG Department of Tourism and Travel Management in association with IQAC, St. Thomas College, Ranny on 22nd August 2020.
11. International Webinar on ‘Mass Spectrometry based structural Proteomics’ by Department of Biotechnology, Mar Augusthinose College, Ramapuram on 14.08.2020.
12. National webinar on “Taxonomical Tools in Life Science” conducted by All Saint’s college, Trivandrum on 13th August 2020.
13. State Level Webinar – “DNA Barcoding & DNA fingerprinting” on 23rd July, 2020 Organized by The Department of Zoology and Department of Botany, St. Stephen’s College, Uzhavoor.
14. International Webinar on the “Applications of Statistics in the Field of Biology” on 17th July, 2020 organized by the Department of Zoology in collaboration with Internal Quality Assurance Cell, Newman College, Thodupuzha, Kerala.
15. International webinar on “Love your Heart and celebrate life (Heart attack Vs Cardiac arrest) organized by Post graduate and research department of Zoology in collaboration with IQAC. Nirmala College, Muvattupuzha. May 31st, 2020.
16. National webinar on Time for Nature organized by SAS SNDP Yogam College, Konni affiliated to Mahatma Gandhi University, Kottayam Kerala on 5th June, 2020.
17. Webinar on Covid and Biodiversity organized by Internal Quality Assurance Cell (IQAC) St. Mary’s College, Manaracud, Kottayam on Sunday 17th May,2020.
18. National Seminar on “Health for All” organized by Post Graduate and Research Dept of Zoology, NSS Hindu College, Changanassery on 24-25 July 2018.
19. Judged in “IBEX-ZOOFEST 2017” organized by dept of Zoology, Marthoma College, Thiruvalla on 03.08.2017.
20. Workshop on “Innovations in Biological Pedagogy and Research” organized by dept of Zoology, CMS College, Kottayam on 08.07.2017.
21. National Seminar on “Design and Properties of Nanomaterials for emerging Technologies” organized by Post Graduate Dept of Physics, St. Thomas College, Ranni on Dec 9-10, 2015.
22. UGC Sponsored National Seminar on Spectroscopy and its Application in Structural Elucidation” organized by Post Graduate Dept of Physics, St. Thomas College, Ranni on Dec 3-4, 2014.

23. Workshop on Vermicompost” organized by dept of Zoology, St. Thomas College, Ranni on Jan 21st, 2014.
24. “Regional Workshop on Innovations in Physics” organized by dept of Physics, St. Thomas College, Ranni on 28-29 Nov 2013.

Faculty development programs/Orientation/Refresher Course/ Workshop/ Short term courses attended.

1. FDP Course Online “The Art of Framing Questions” Organized by Sree Sankara College, Kalady, in association with Mahatma Gandhi University & UGC-HRDC, Kerala University, Trivandrum from June 7-12, 2021 (6 Days)
2. One week STTP on “Teaching and Learning Pedagogy” organized by REST Society for Research International, Krishnagiri, Tamilnadu from 10th to 14th May, 2021.
3. One week STTP on “Research Methodology” organized by REST Society for Research International, Krishnagiri, Tamilnadu from 26th to 30th April, 2021
4. One week STTP on “Emerging Trends in Data Analysis in SPSS” organized by REST Society for Research International, Krishnagiri, Tamilnadu from 12th April to 17th April, 2021.
5. One week STTP on “Emerging Trends in Data Analysis in MS EXCEL” organized by REST Society for Research International, Krishnagiri, Tamilnadu from 5th April to 10th April, 2021.
6. FDP on Moodle Learning Management System organized by St. Thomas College, Ranni with course material provided by Spoken Tutorial Project, IIT Bombay. Trivandrum In association with EMRC Centre , Calicut University , October 19-23, 2020 (5 Days)
7. One week FDP Online “Online Education in Higher Education Institutions” Organized by The Kerala State Higher Education Council, Trivandrum In association with EMRC Centre , Calicut University, October 19-23, 2020 (5 Days) for the faculty members from science disciplines in the state universities and affiliated colleges.
8. Short term course (FDP, MOOC Platform) “Continuous Professional development” Organized by Aligarh Muslim University Centre, Malappuram & MES Education and Research, Chembur Mumbai in association with UGC-HRDC, Kerala University, Trivandrum, September 21-27, 2020 (7 Days)
9. 2 credit Course approved by University Grants Commission (UGC) for awareness about publication ethics and publication misconducts “Research Publication and Ethics” conducted by Research Council and department of Library and Information, St. Thomas College (Autonomous) Thrissur and Directorate of Research, University of Calicut, 8th August to 5th October 2020 (30 hours)
10. National Workshop on “Creative Adaptation-Reaching out through Digital Class rooms” organized by St. Thomas College of Teacher Education, Pala in collaboration with UGC-HRDC, University of Kerala from 19th to 25th May,2020.

11. "Orientation Training Course for Programme Officers of NSS" organized by Training & Orientation Centre, Rajagiri College of Social Sciences, Kalamasserry from 25th September to 1st October,2019.
12. Refresher course on "Structure and function of the Marine Ecosystem Fisheries" organized by ICAR - Central Marine Fisheries Research Institute, Kochi , December 1-21st, 2017 (21days)
13. One Day cluster Workshop on "Latest Methods and Strategies in Mentoring, Walk With a Scholar program" Organized by Department of Collegiate Education, Govt. of Kerala, Catholicate College, Pathanamthitta on 29.07.2016.
14. UGC Sponsored Special Winter School Program conducted by UGC-Human Resource development Centre, University of Kerala, Kariavattom, Trivandrum from 29.10.2015 to 18.11.2015.
15. DBT Sponsored training programme on "Bioinformatics: Tools and Applications" organized by Bioinformatics Centre, Indian Institute of Spices Research, Calicut from 14th to 18th November, 2006.

10/11/2021.

(Dr. Sreejaya R)