

Dr. S. K. Subhash

Assistant Professor in Microbiology

Department of Biochemistry and Microbiology

**ADDRESS & EMAIL**

*Samrudhi, Villa No.9, North Brook Villa, Decent Junction, Mughathala PO*

*Kollam*

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**QUALIFICATION**

*Msc. & Ph.D in Microbiology*

**DATE OF JOINING**

*12.01.2011*

**EXPERIENCE IN YEARS**

*13 years*

**AREA OF SPECIALIZATION**

Marine Microbiology

**ADMINISTRATIVE DISTINCTION**

* **MEMBER OF ACADEMIC COUNCIL** in **Microbiology**, University of Kerala from 2016 onwards
* **MEMBER OF BOARD OF STUDIES** in the **Board of Studies of Microbiology**, University of Kerala from 2013 to 2019
* **MEMBER OF BOARD OF STUDIES in Microbiology, Scott Christian College (Autonomous)**
* **NSS PROGRAMME OFFICER**, S.N. College for women, Kollam from 2012 October to 2016 October
* **CO-ORDINATOR FOR SCIENCE CLUB**, S.N. College for women, Kollam from 2017 onwards
* **CO-ORDINATOR FOR RED RIBBON CLUB**, S.N. College for women, Kollam from 2012 October to 2016 October
* **CO-ORDINATOR FOR TEENS CLUB**, S.N. College for women, Kollam from 2012 October to 2016 October
* **NODAL OFFICER FOR SCHOLARSHIP**, S.N. College for women, Kollam from 2018 onwards

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**PAPER PRESENTATIONS**

* **Participated and presented** a research article “Management of bacterial load on the commercial production of pearl oyster *Pinctada fucata* (Gould) larvae by optimizing the stocking density” in the **National Seminar on** **Blue Economy** organized by PG and research department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala, from 22nd to 23rd August, 2017.
* **Participated and presented** a research article “Antibacterial activity of some medicinal plants used in India” in the *National Seminar on Lakes, Rivers, and Wetland Ecosystem – A climate change perspectives,* March 19-21, 2014, M.E.S. College, Ponnani , Kerala, 227-231.

**PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS**

* Underwent the One day Workshop on ***“Outcome Based Education”*** organised by the **University of Kerala** on 01.06. 2019 at the Aquatic biology Hall, Department of Aquatic biology and Fisheries, University of Kerala, Kariavattom, Trivandrum.
* Underwent the One day Workshop on ***“Master Mentor Training Programme”*** of Walk With a Scholar Programme organised by the **New Initiatives in Higher Education, Directorate of Collegiate Education, Government of Kerala** on 29th August 2019 at Government Women’s College, Trivandrum.
* Participated in the **National Seminar on “Challenges and Changes in AQAR and SSR Preparation”** organized by the Internal Quality Assurance Cell (IQAC), Sree Narayana College for Women, Kollam, Kerala on 19 & 20 December 2019.
* Participated in the **One Day Seminar on “Ayyankali and Social Changes in Kerala”** organized bythe Department of History, Sree Narayana College for Women, Kollam, Kerala on 30th August 2019.
* Underwent the Three day Workshop on ***“Redesigning of Courses for Outcome Based Education (OBE)”*** organised by the **Kerala State Higher Education Council** from 14th to 16th December, 2017 at Thiruvananthapuram
* **Participated** in the **Meeting on Brainstorming Session on Marine Biotechnology,** organized by the Kerala Biotechnology Commission under Kerala State Council for Science, Technology and Environment (KSCSTE) on 24th and 25th March 2014 at Thiruvananthapuram.
* **Participated** in the **National seminar on Higher education 2.0 – Illumine the future,** organized by the Kerala State Higher Education Council (KSHEC) on 4th and 5th June 2012 at Thiruvananthapuram.
* **Participated** in theone day work shop on **ARSH** (Adolescent Reproductive and Sexual Health) arranged by National Rural Health Mission (NRHM) at District family welfare training centre, kollam on 19th December 2012.

**INVITED LECTURES AS RESOURCE PERSON**

* Acted as **KEY** **RESOURCE PERSON** and delivered an **INVITED TALK** on ***“DISEASE MANAGEMENT BY USING PROBIOTICS”*** in the **National Seminar** organized by Department of Biochemistry and Industrial Microbiology, PMSA College of Arts And Science, Kollam on 23.03.2023.
* Acted as **RESOURCE PERSON** and handled a session **“NSS and Soft Skills”** on 27.12.2023 in the seven days NSS camp organised by **Fatima Matha National College, Kollam**
* Acted as **RESOURCE PERSON** and handled a session **“ICE BREAKING SESSION”** on 26.12.2023 in the seven days NSS camp organised by **Sree Ayappa College, Eramallikkara, Chengannur, Alappuzha.**
* Acted as **RESOURCE PERSON** and handled a session **“ICE BREAKING AND GROUP FORMING SESSION”**on 24.12.2023 in the seven days NSS camp organised by **TKM College of Arts and Science, Kollam**
* Acted as **RESOURCE PERSON** and handled a session **“NSS and Soft Skills”**on 23.12.2023 in the seven days NSS camp organised by **A J College of Science and Technology, Thonnekkal, Thiruvananthapuram.**
* Acted as **KEY** **RESOURCE PERSON** and delivered an **INVITED TALK** on ***“DISEASE MANAGEMENT BY PROBIOTICS”*** in the **National Seminar Series ‘AGORA’ 2020** on thetheme **“Drug Discovery From Natural Sources”** organized by Department of Biochemistry, Sree Narayana College, Kollam on 24.02.2020.
* Acted as **RESOURCE PERSON** and delivered an **INVITED TALK** in the ***Bridge Course*** organized by Department of Biochemistry and Industrial Microbiology, **Sree Ayappa College, Eramallikkara, Chengannur, Alappuzha** on January 21st 2020.
* Acted as **RESOURCE PERSON** and handled a session **“Importance of NSS camp”** on 28.02.2020 in the seven days NSS camp organised by **Sree Narayana Guru College of Legal Studies, Kollam.**
* Acted as **RESOURCE PERSON** and handled a session **“NSS and Soft Skills”**on 23.12.2019 in the seven days NSS camp organised by **A J College of Science and Technology, Thonnekkal, Thiruvananthapuram.**
* Acted as **RESOURCE PERSON** and handled a session **“Philosophy of NSS”** on 21.12.2019 in the seven days NSS camp organised by **Shree Vidyadhiraja College of Arts and Science, Karunagappally.**
* Acted as **RESOURCE PERSON** and handled a session **“Soft Skill Development”** on 23.12.2018 in the seven days NSS camp organised by **Sree Ayappa College, Eramallikkara, Chengannur, Alappuzha.**
* Acted as **RESOURCE PERSON** and handled a session on **“Orientation to NSS volunteers”** 23.12.2017 in the seven days NSS camp organised by **Mannam Memmorial N.S.S. College, Kottiyam.**
* Acted as **RESOURCE PERSON** and handled a session on **“Volunteerism in NSS”** **24.03.2017** in the seven days NSS camp organised by **Sree Narayana Guru College of Legal Studies, Kollam.**
* Acted as **RESOURCE PERSON** and handled a session on **“NSS and social behaviour”** **03.07.2017** in the seven days NSS camp organised by **Sree Narayana Guru College of Legal Studies, Kollam.**
* Acted as **RESOURCE PERSON** for the **traing programme** on **“Microbial Techniques in Seafood”** organized under **UGC Innovative Programme at PG Department of Aquaculture and Fishery Microbiology, MES College Ponnani** on 23rd and 24th January 2014 for M.Sc. Fish Processing Technology students.
* Acted as **RESOURCE PERSON** for providing **Skill Enhancement Traing** to students of women Resource centre, S.N. College for women, Kollam during 2012-13.
* Acted as **RESOURCE PERSON** for the **traing programme** on **“Applied Microbial Techniques in Microbiology’** condcted by **University college of Applied Life Sciences, pathanamthitta, under Mahatma Gandhi university,** on 23rd and 24th May 2013 for M.Sc. and M.Phil Fishery Biology and Aquaculture students.

**PUBLICATIONS IN BOOKS OR JOURNALS**

* Lipton, A.P and **Subhash, S.K.** 2014. Health management in pearl oysters using probiotic microbes. In: Course Manual: Marine designer pearl production – Science and Technology (M.K Anil, Ed.). Central Marine Fisheries Research Institute, Vizhinjam, February 19 – 21, 2014, pp 60-67.
* **Subhash, S. K**.and Lipton, A.P. 2011. Effect of stocking density and bacterial load on the spat settlement pattern of *Pinctada* *fucata* larvae for commercial hatchery production. ***Journal of Fisheries International***, vol 5, (2), 31-35.
* **Subhash, S. K.,** Lipton, A.P. and Paul Raj, R. 2011. Antibiotic exposure to minimise microbial load in live feed *Isochrysis galbana* used for larval rearing of the Indian pearl oyster *Pinctada fucata*. ***Current Science***, Vol. 87, No. 14, 1339-1340.
* **Subhash, S.K**., Pramitha, V.S., Lipton, A.P. and Mohan, T.S. 2011. Correlation of bacteria between estuarine sediments and fish skin. ***Journal of Theoretical and Experimental Biology*,** (5), 139-142.

**MEMBERSHIP IN PROFESSIONAL BODIES**

**OTHER ACHIEVEMENTS**

* Organized the ***Kerala State Council for Science technology and Environment (KSCSTE) & Department of Science and Technology (DST), Govt of India*** sponsored **National Science Day** celebrations and **National Seminar** on **“Technology Transfer from Lab to Land for Sustainable Development”** conducted in SN College for Women, Kollam on **26.02.2018 to 27.02.2018**.
* **Received Best Paper Award** in **National Seminar on** **Blue Economy** organized by Fatima Mata National College (Autonomous), Kollam, Kerala, in August, **2017**.
* Recipient of **FLAIR NATIONAL INTERNSHIP** (2014-15) in **Indian Institute of Technology (IIT)** Bombay, by ***New Initiative in Higher Education*, Govt. of Kerala**.
* Underwent **hands-on training** on ‘**Advanced Techniques in Proteomics’** in *Biosciences and Bioengineering Departement***, Indian Institute of Technology (IIT) Bombay** from February 09 to 24, 2015.
* Underwent the **Orientaion Course** for the **NSS Programme Officers** of the National Service Scheme organised by Empanelled Training institution for NSS (Empanelled by the **Ministry of Youth affairs & sports, Govt. of India, Rajagiri P.O, Kalamassery**) from 22nd to 28th feb 2013
* Underwent the Orientaion Course to **Programme officers of Red Ribbon Club** conducted by **Kerala State AIDS control Society** on 23rd january 2013 at st.Gregorious college, Kottarakkara
* Underwent the six day **Teacher Training Programme** from 31st january 2011 to 5th february 2011 conducted by **Kerala State IT Mission** in connection with the project **“Skill Enhancement Computer Training and Women Resource Center in Colleges of Kerala”.**
* Underwent two day **Training Programme for College Lectures (INSPLORE)** conducted by **Govt. of Kerala** on 24- 01- 2011 and 25- 01 -2011 at Kerala State Science and Technology Museum, thiruvananthapuram

**RESEARCH OUTPUT**

**CITATIONS AND INDEXING, IF ANY**

* **JOURNAL CITATIONS**
* **INDEXING (h-INDEX)**

**ORIENATION PROGRAMMES ATTENDED:**

1. Underwent the **UGC - Sponsored Short Term Course in MOOCS, E-content Development & Open Educational Resources** conducted by the UGC – Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum from 23.09.2020 to 29.09.2020.
2. Underwent the **UGC - Sponsored Refresher Course –Winter School** conducted by the UGC – Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum from 05.12.2019 to 18.12.2019.
3. Underwent the **UGC - Sponsored Refresher Course (LifeScience-Interdisciplinary-Microbiology)** conducted by the UGC – Academic Staff College, University of Kerala, Kariavattom from july 2nd 2014 to July 22nd 2014.
4. Underwent the **UGC - Sponsored Orientaion Programme (IT-Oriented)** conducted by the UGC – Academic Staff College, University of Kerala, Kariavattom from june 6th 2013 to July 3rd 2013.