

DETAILED FACULTY BIODATA FOR COLLEGE WEBSITE JUNE 2024 TO MAY 2025		
Sl. No.	Name	Dr. S. K. Subhash
1	Designation	Associate Professor in Microbiology
2	Department	Department of Biochemistry and Microbiology
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8	Personal Web Page	
9	Date of Entry into Service	12/01/2011
10	Date of Retirement	31/05/2035
11	Edu. Qualifications	M.Sc, Ph. D
12	Areas of Interest/Specialisation	Microbiology
13	Courses/Subject Taught	Microbiology
14	Field of Research	Marine Microbiology
15	Guideship Details (Guideship order number and date, Research Centre, Number of PhD students & title	

	of their research topic)
	<ol style="list-style-type: none"> 1. Affiliated University: 2. Subject: 3. Guideship Order Number & Date: 4. Research Centre: 5. Number of Full time PhD Research Scholars: 6. Number of Part time PhD Research Scholars: 7. Details of PhD Research Scholars (Full Name, Title of Topic, Year of Joining): <ol style="list-style-type: none"> 1. 2. 3. 4.
16	Google Scholar Profile Link/ORCID ID/Research Gate Profile Link (Give the links)
17	Patent Obtained/Applied (Give the details)
18	Teaching Experience (Permanent) (Give the details)
	1. 14 .5 years
19	Teaching Experience (Contract) (Give the details)
	1.
20	Research Experience

	1. Six years
21	Memberships in Learned Bodies/Societies, If Any
	1.
22	Scholarships/Fellowships Obtained
	1. FLAIR National Internship (2014-15) in Indian Institute of Technology (IIT) Bombay, by New Initiative in Higher Education, Govt. of Kerala.
23	Research Papers Published (Mention UGC Care Listed/Peer-reviewed). Include Name of Authors, Year, Name of Journal, Volume, Page numbers, ISSN Number, DOC if any
	<p>1. S. K. Subhash , A. K. Nada , S. L. Libina , T. Arya and S. Arathi , Assessing Bacterial Inhibition by Selected Medicinal Plants of India. <i>International Journal of Advanced Interdisciplinary Sciences</i>, Vol. 3, Issue. 1, September 2024, 8-12. (ISSN: 2583-5734).</p> <p>2. S.K. Subhasha and A.P. Lipton, Correlation of Bacteria Between Estuarine Sediments and Fish Skin. <i>International Journal of Advanced Interdisciplinary Sciences</i>, Vol.1, Issue.1, August 2021, 105-111. (ISSN: 2583-5734)</p> <p>3. S. K. Subhash, L. R. Asitha, S. Srijith, L. R. Aparna, Archa B. Raj and J. Parvathy. Chemically Precipitated Cobalt Oxide Nanoparticles as an Active Materials for the Reduction of Bacterial Load in Sewage Water and its Size Dependent Activity. <i>AIP Conference Proceedings</i>, Volume 2379, Issue 1, 2021, 030005-1–030005-4.</p> <p>4. Subhash, S. K., Lipton, A.P. and Paul Raj, R. 2011. Antibiotic exposure to minimise microbial load in live feed <i>Isochrysis galbana</i> used for larval rearing of the Indian pearl oyster <i>Pinctada fucata</i>. <i>Current Science</i>, Vol. 87, No. 14, 1339-1340.</p> <p>5. Subhash, S. K. and Lipton, A.P. 2011. Effect of stocking density and bacterial load on the spat settlement pattern of</p>

	<i>Pinctada fucata</i> larvae for commercial hatchery production. <i>Journal of Fisheries International</i> , vol 5, (2), 31-35.
24	Popular Article Published
	1. 2.
25	Books Published (Include ISBN/ISSN Number)
	1. 2.
26	Papers Presented
	<ol style="list-style-type: none"> 1. Participated and presented a research article “Biodegradative Potential of Indigenous Microbial Communities from Ashtamudi Lake: Implications For Ecosystem Restoration and Bioremediation Strategies” in Three Days Virtual International Conference on Global Nexus 2025: Advancing Energy, Environment, Health, and AI for Sustainable Business and Technology organized by Sree Ayyappa College, Eramallikkara, May 21st to 23rd , 2025. 2. Participated and presented a research article “Isolation, Identification, and Inhibition of Food Spoilage Microorganisms: Comparative Analysis of Natural And Synthetic Preservative Efficacy” in Three Days Virtual International Conference on Global Nexus 2025: Advancing Energy, Environment, Health, and AI for Sustainable Business and Technology organized by Sree Ayyappa College, Eramallikkara May 21st to 23rd , 2025. 3. Participated and presented a research article “Effect of fuel on the reduction of bacterial load in sewage water using Iron Oxide nanoparticles Synthesized via Solution Combustion method” in the two day “National Seminar on Modern Trends in Physics Research (NSMTPR-2024)” organized by Post Graduate

	<p>Department of Physics, St. Stephan's College, Pathanapuram, Kollam, Kerala on 16 & 17 December, 2024.</p> <p>4. Participated and presented a research article "Role of probiotic on the commercial production of pearl oyster <i>Pinctada fucata</i> (Gould) larvae" in the National Seminar on "BIORESOURCES- For a Better Tomorrow" organized by Department of Zoology, Rani Anna Government College for Women, Tirunelveli, Tamilnadu on 21st February, 2020.</p> <p>5. Participated and presented a research article "Management of bacterial load on the commercial production of pearl oyster <i>Pinctada fucata</i> (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.</p> <p>6. Received Best Paper Award in National Seminar on Blue Economy organized by Fatima Mata National College (Autonomous), Kollam, Kerala, in August, 2017.</p> <p>7. Participated and presented a research article "Antibacterial activity of some medicinal plants used in India" in the <i>National Seminar on Lakes, Rivers, and Wetland Ecosystem – A climate change perspectives</i>, March 19-21, 2014, M.E.S. College, Ponnani , Kerala, 227-231.</p>
27	Invited Talks/Public Talks delivered
	<p>1. Acted as RESOURCE PERSON in the Two Day Workshop on Basics In Microbiology organized by PG Department of Zoology, St. Gregorios College, Kottarakkara and supported by Kerala Academy of Sciences on 1st and 2nd April 2025.</p> <p>2. Acted as RESOURCE PERSON and conducted a session on "Soft Skill Development" for first year Zoology Degree students of FYUGP on 05.07.2024 at Fatima Matha National College, Kollam</p> <p>3. Acted as RESOURCE PERSON in the Five day workshop on Microbiology held at N-RIST Innovations, Kaniyapuram, Thiruvananthapuram from 11/05/2024 to 15/05/2024.</p>

	<p>4. Acted as RESOURCE PERSON and conducted a session on “NSS Orientation” for first year Degree NSS Volunteers on 29.06.2024 at Fatima Matha National College, Kollam.</p> <p>5. 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.</p> <p>6. 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</p> <p>7. 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.</p> <p>8. 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</p> <p>9. 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.</p> <p>10. Acted as KEY RESOURCE PERSON and delivered an INVITED TALK on “DISEASE MANAGEMENT BY PROBIOTICS” in the National Seminar Series ‘AGORA’ 2020 on the theme “Drug Discovery From Natural Sources” organized by Department of Biochemistry, Sree Narayana College, Kollam on 24.02.2020.</p> <p>11. 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.</p> <p>12. 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.</p> <p>13. 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.</p>
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	<p>14. 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.</p> <p>15. 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.</p> <p>16. 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.</p> <p>17. 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.</p> <p>18. 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.</p> <p>19. 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.</p> <p>20. Acted as RESOURCE PERSON for providing Skill Enhancement Traing to students of women Resource centre, S.N. College for women, Kollam during 2012-13.</p> <p>21. Acted as RESOURCE PERSON for the traing programme on “Applied Microbial Techniques in Microbiology” conducted 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</p>
28	Collaboration/Consultancy/Linkages
	1. Collaborative work with N-RIST INNOVATIONS LLP (Natural Research in Scientific Technology Innovations, LLP Number: ACE- 3297)

29	Orientation Courses Attended
	<ol style="list-style-type: none"> 1. 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. 2. 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 3. 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 4. 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”. 5. 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
30	Refresher Courses Attended
	<ol style="list-style-type: none"> 1. Underwent the UGC - Sponsored Refresher Course in Environmental sciences (Interdisciplinary) conducted by the UGC – Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum from 10.02.2021 to 23.02.2021 2. Underwent the UGC - Sponsored Live Online Refresher Course In Environmental Sciences (Interdisciplinary) conducted by the UGC – Human Resource Development Centre, University of Kerala, Kariavattom, Trivandrum from 10-02-2021 to 23.02.2021. 3. 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.

4. Underwent **One Week Online Short-Term Faculty Development Programme** on **“PEDAGOGICAL AND E-LEARNING TOOLS FOR TEACHING”** which was delivered in asynchronous mode as MOOC with four quadrants, organised by Sanathana Dharma College, Alappuzha in collaboration with the **Kerala State Higher Education Council** from 04th -10th August 2020.
5. Underwent **One Week Online Short-Term Faculty Development Programme** (Interdisciplinary) on **“Towards a Digital Era of Teaching and Learning”** which was delivered as MOOC with four quadrants, organised by UGC-HRDC, University of Kerala, Thiruvananthapuram in collaboration with KSMD College, Sasthamcotta from August 12-18, 2020.
6. Underwent **One Week Online Short-Term Faculty Development Programme** on **“ICT Tools for Teaching and Learning Process-Post Pandemic Educational Strategies”** which was delivered as MOOC with four quadrants, organised by Department of Physics and IQAC Sree Narayana College Kollam in collaboration with **The Kerala State Higher Education Council** from August 17-23, 2020.
7. 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.
8. 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.

31	Seminars/Workshops/Training Organised
	<ul style="list-style-type: none"> ▪ Acted as Co-ordinator and organized the Webinar on ‘Matilda effect and Women in Science’ as apart of National Science Day Celebration on 25th February 2021 ▪ Acted as Co-ordinator and organized the International Webinar on “Role of Gut Microbiome in Human Health” conducted by Biochemistry & Industrial Microbiology as part of the International webinar series “DIALECTICS” Organised by Sree Narayana College for women, Kollam on 21/05/2021. ▪ Organized the <i>Kerala State Council for Science technology and Environment (KSCSTE) & Department of Science and Technology (DST), Govt of India</i> 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. ▪
32	Workshops Organised
	<ol style="list-style-type: none"> 1. 2.
33	Training Organised
	<ol style="list-style-type: none"> 1. 2.
34	Orientation Programmes/Induction Programmes Organised
	<ol style="list-style-type: none"> 1.

	2.
35	FDP/Any Other Programmes Organised
	1.
	2.
36	Startups/Innovation/Incubation Centre (Give the details)
	1.
37	Seminars/Conferences Attended
	<ol style="list-style-type: none"> 1. Participated in the Webinar on “Preliminary Requirements For Animal Cell Culture Facility” as a part of WEBINAR SERIES-2021 - “ADVANCES IN BIOLOGICAL SCIENCES” organized by Department of Department of Botany University of Kerala, on 14th May 2021. 2. Participated a National Webinar on “Antibiotic resistance, Challenges and Future Perspectives” organized by the PG Department of Microbiology, Sir Syed Institute for Technical Studies, Taliparamba, Kannur, Kerala on 9th October 2020. 3. Participated in the International Webinar on “Autoimmunity and Antimicrobial Response Factors” organized by Department of Biochemistry & Industrial Microbiology in association with IQAC, Sree Narayana College for Women, Kollam, Kerala on 27th July 2020. 4. 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. 5. Participated in the One Day Seminar on “Ayyankali and Social Changes in Kerala” organized by the Department of History, Sree Narayana College for Women, Kollam, Kerala on 30th August 2019.

	<p>6. 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.</p>
38	Workshops Attended
	<ol style="list-style-type: none"> 1. Underwent the One day Workshop on <i>“DBT Star Scheme Mentoring”</i> organised by Sree Narayana College, Nattika, Thrissur, Kerala on 12.03. 2025. 2. Participated in the Five day work shop conducted by University of Kerala, Thiruvananthapuram, Kerala from 19th to 23rd March 2024 for Curriculum Design and Development of Four Year Under Graduate Programme in Microbiology. 3. Underwent the One day Workshop on <i>“Outcome Based Education”</i> 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. 4. Underwent the One day Workshop on <i>“Master Mentor Training Programme”</i> 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. 5. Underwent the Three day Workshop on <i>“Redesigning of Courses for Outcome Based Education (OBE)”</i> organised by the Kerala State Higher Education Council from 14th to 16th December, 2017 at Thiruvananthapuram 6. 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.

	7. Participated in the one 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 19 th December 2012.
39	Trainings Attended
	1. Underwent hands-on training on ‘ Advanced Techniques in Proteomics ’ in <i>Biosciences and Bioengineering Departement</i> , Indian Institute of Technology (IIT) Bombay from February 09 to 24, 2015.
40	Extension Activities Organised/Participated inside the Campus
	1. 2.
41	Extension Activities Organised/Participated outside the Campus
	1. 2.
42	Representation in Syndicate/Senate/Academic Council/Board of Studies
	1. MEMBER OF ACADEMIC COUNCIL in Microbiology , University of Kerala from 2016 to 2019 2. MEMBER OF BOARD OF STUDIES in the Board of Studies of Microbiology , University of Kerala from 2013 to 2019 3. MEMBER OF ACADEMIC COUNCIL in Microbiology , University of Kerala from 2025 onwards
43	Tutorship in UG/PG (Mention the Class and Year/Batch)
	1. UG 2012-15 batch (Three-year tutorship: I, II and III year)

	2. UG 2016-19 batch (Three-year tutorship: I, II and III year) 3. UG 2020-23 batch (Three-year tutorship: I, II and III year)
44	Academic Responsibilities Undertaken
	<ul style="list-style-type: none"> • Chairman for University theory and Practical examinations • Chief Examiner for University theory examinations • Additional examiner for University theory examinations • External examiner for both PG and UG University Practical examinations
45	Any other Duties Performed at College
	<ul style="list-style-type: none"> ▪ 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 to 2019 ▪ 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 June to 2024 June ▪ COLLEGE UNION ADVISOR, S.N. College for women, Kollam 2023-24 ▪ COLLEGE UNION ADVISOR, S.N. College for women, Kollam 2024-25

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