


FACULTY PROFILE

PERSONAL PARTICULARS			
Name	GEETHU KRISHNA. R		
Department	Biochemistry & Industrial Microbiology		
Designation	Assistant Professor		
Organization	National College		
Date of Joining	10/09/2012		
Core Discipline	MICROBIOLOGY		
Specialization	Applied Microbiology		
Areas of Interest	Teaching & Research in Agriculture, Environment & Food Microbiology		
Address	SARANG, TC:17/2244, Murinjapalam, Medical College P O, Thiruvananthapuram		
Phone Number	8089316024	Email id	geethukrishna@ncas.edu.in
PROFESSIONAL QUALIFICATIONS			
Qualification	Specialization	Institution	
Research Scholar (Part time)	Microbiology	Kerala University	
NET (ICAR)	Agriculture Microbiology	Agriculture Scientists Recruitment Board	
M.Sc	Applied Microbiology	Periyar University	
B.Sc	Biochemistry & Industrial Microbiology	Kerala University	
HISTORY OF EMPLOYMENT			
	Level	Years of Service	Institution
	U.G	11 years	Department of Biochemistry & IMB, National College
	P.G	3 years	Department of Bioinformatics, National College

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PROFESSIONAL RESPONSIBILITIES HELD

1. Chairperson, Centre for Life Sciences [2023 – 2024]
2. Head of Department, Biochemistry & Industrial Microbiology [2021 – 2023]
3. Head of Department, Microbiology [2016 – 2021]
4. Convenor, Nature Club [2019 – 2021]
5. Convenor, Womens Club [2017 – 2018]
6. Convenor, Science Club [2013 – 2014]
7. Co convenor, Book Club [2014]
8. Member of NAAC Criteria II [2021 - 2024], College Council [2016 – 2023], Discipline Committee, DLMC, Canteen Committee [2021 – 2022], Book Club [2013 – 2014]

PROGRAMS ORGANISED

1. Extension activity “Cancer awareness campaign – 2024” as part of Centre for Life Sciences on 5th Feb 2024.
2. “Exam orientation program” organized by Centre for Life Sciences in association with IQAC on 12th Jan 2024.
3. Science outreach program on “Research and career opportunities in emerging science streams in collaboration with INYAS” on 22nd Aug 2023.
4. Awareness program “Nature conservation campaign” as part of Nature Conservation Day celebration by Centre for Life Sciences on 27th July 2023.
5. Seminar on “Career enhancement and importance of innovations in Life science” as part of Insight o’ National on 26th July 2022.
6. Awareness program on “Invest in our planet” as part of World Environmental Day celebration on 9th June 2022.
7. “Honouring The Rank Holders”, a program to honour 1st and 2nd Kerala University rank holders of BC & IMB department was conducted on 13th June 2022.
8. “Ignite O’genesis”, to unlock success with alumni guidance, an interactive session of alumni’s placed in various fields in microbiology with our students on 27th June 2022.
9. International Seminar on “Life Style diseases “organized jointly by the Department of BC & IMB and Botany & BT on 18th Feb 2020.
10. Webinar on, “Covid 19 – Understanding a new disease” organized by the Department of Biochemistry & Industrial Microbiology on 10th Aug 2020.

11. "Inauguration of Nature Club activities" by Prof(Dr)P P Ajay Kumar (Provice chancellor of Kerala University) on 07/01/2020.
12. Awareness program on "Conservation & Cultivation of Ayurvedic plants" and "Know your campus" as part of Nature Club activities on 7th Feb 2020.
13. Seminar on "Women Empowerment: A New Paradigm" as part of Women's day celebrations organised by Womens Club on 8th March 2017.
14. "Creative Handicrafts" an exhibition showcasing crafts done by female students and staffs of our college as part of Womens day celebration organised by Women's Club on 8th March 2017.
15. Seminar on "Malayala Sahithyam" as part of Inaugural function of Book club activities on 6th March 2014.

SUBJECTS TAUGHT

Industrial microbiology
 Food Microbiology
 Environmemt & Agriculture microbiology
 Immunology
 Microbial Taxonomy
 Microbial physiology
 Medical microbiology
 Microbial genetics
 Cell biology
 Fermentation technology

RESEARCH PUBLICATIONS / CONFERENCES

1. Has presented paper titled '**A review on Bionanoremediation of Pesticides using Endophytic Microbial Consortium**' in a two-day International Conference on Integral Ecology for a new humanity in Indian context organized by the institute of Food & Agricultural Ethics (IFAE) and Alphonsa College, Thiruvambady.
2. Has presented paper titled '**Exploration of Endophytic microorganisms for the synthesis of nanoparticles: A sustainable approach for bioremediation of pesticides**' in 2nd International conference on clinical and applied microbiology organized by BioLEAGUES.

WORKSHOP/ SEMINARS/FDPs ATTENDED

1. Participated in residential workshop for the preparation of syllabus of FYUGP organized by Kerala University.
2. Participated in Science outreach program on research and career opportunities in emerging science streams in collaboration with INYAS.
3. Participated in a two-day International Conference on Integral Ecology for a new humanity in Indian context organized by the institute of Food & Agricultural Ethics (IFAE) and Alphonsa College, Thiruvambady.
4. Participated in 2nd International conference on clinical and applied microbiology organized by BioLEAGUES.
5. Participated in 14th (INDIA) Probiotic Symposium, organized by RGCB.
6. Participated in national online seminar CAARE – 2024, organized by Department of

- Biotechnology, Government Institute of Science, Chh.
7. Participated in webinar, Latest trends & insights in clinical research industry organized by Guardians Edtech, Bengaluru.
 8. Participated in seminar on career enhancement and importance of innovations in Life science as part of Insight o' National.
 9. Participated in IP awareness training program under National Intellectual Property Awareness Mission organised by Intellectual Property Office, India.
 10. Participated in International webinar on topic When iPSCs meet CRISPR, what is in store for Diabetes Research organised by the department of Botany & Biotechnology.
 11. Participated in National Level 7day faculty development programme on accreditation framework organized by IQAC of Christ Nagar College, Maranalloor, Trivandrum.
 12. Participated in webinar, 'Covid 19 – Understanding a new disease' organized by the department of Biochemistry & Industrial Microbiology, National College.

