



Dr. VIMAL K.P.

RESEARCH SCIENTIST, ASSISTANT PROFESSOR, EDUCATIONAL TECHNOLOGIST, MOTIVATIONAL SPEAKER, AND STUDENT ACADEMIC MENTOR • BUILDING NO. 2620, BEHIND ALMADINA SHOPPING CENTRE, MUWAILEH COMMERCIAL - INDUSTRIAL AREA, SHARJAH, UNITED ARAB EMIRATES •

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DETAILS

Building no. 2620, Behind Almadina Shopping centre, Muwaileh Commercial - Industrial Area Sharjah, Sharjah, United Arab Emirates
+971-586278442, +971-525264226, +919495700579
vimalkp2006@gmail.com

Date / Place of birth
21/07/1985
Thenhipalam

Nationality
Indian

LINKS

[LinkedIn](#)
[You Tube channel](#)
[Skype](#)

SKILLS

Active Listening
Hard Working
Good time management
Flexibility and Adaptability
Ability to Work in a Team
Time Management
Interpersonal Skills
Leadership and Teamwork
Microsoft Office
Problem Solving
Decision Making
Effective Time Management
Teamwork
Leadership Skills
Adaptability
Ability to Work Under Pressure

PROFILE

A highly dynamic and accomplished Research Scientist, Assistant Professor, Educational Technologist, Motivational speaker and student academic mentor, with 14 years of extensive experience in research, development, and academia in Microbiology, Virology, Molecular biology and Bioinformatics across both industry and governmental institutions. My distinguished career includes the successful completion of several high-impact research projects, notably the discovery of a novel bacterial strain, advancements in mycotoxin studies, protein characterization, and pioneering probiotic research. I am also a Research and development consultant of animal feed supplement company and analytical research lab, my portfolio boasts numerous peer-reviewed publications, funded research projects, awards, certifications, invited lectures, authored books, book chapters, and membership in esteemed professional organizations. Additionally, I hold a filed patent to my credit. Eager to contribute my expertise, I am keen to relocate to the UAE to further develop my professional endeavours.

EMPLOYMENT HISTORY

Regional Head at iLuZia Lab LLP, Kozhikode

January 2022 — Present

Setting up metaverse classrooms in educational institutions including Higher education institutions across the world by integrating advanced technologies such as VR and AR

Senior Microbiologist at Zeus Biotech Pvt Ltd, Mysore

April 2022 — April 2024

Experience in Research and Development in the animal feed supplement industry. Isolated and identified novel strains of bacteria. Experience in HPLC, AAS, NIR spectroscopy etc. Coordinated project regarding Mycotoxin studies and feed enzyme isolation and characterization studies. Guided M.Sc projects too

Scientist at Regional Public Health Lab (RT-PCR lab), Kozhikode

August 2020 — October 2021

Performed more than 3 lakhs Covid - 19 RT-PCR and interpreted results

Assistant Professor of Microbiology at Government Arts and Science College Kozhinjampara

June 2019 — March 2020

Delivering theory and practical sessions for M.Sc. and B.Sc. Microbiology students across a wide range of subjects, including Immunology, Diagnostic Microbiology, Molecular Biology, Food and Industrial Microbiology, Soil and Agricultural Microbiology, Entrepreneurship Development, General Informatics and Bioinformatics, and Medical Microbiology. These sessions are designed to foster a deep understanding of both fundamental and advanced concepts, blending hands-on experience with theoretical knowledge to prepare students for real-world applications in their respective fields.

Assistant Professor of Microbiology at the Department of Life Sciences, University of Calicut, Malappuram

August 2018 — June 2019

Communication Skills
Fast Learner
Ability to Multitask
Computer Skills
Leadership
Interpersonal Communication Skills
Strategic Planning
Critical thinking and problem-solving
Student Mentoring
RT-PCR
HPLC
Project management
Teaching
Motivational speaker
Research proposal writing
Science article writing
Paper writing
Book writing
Bioinformatics
Virology
Microbiology

HOBBIES
Playing Tabla (Hindustani), Listening music, You Tube vlogging etc

Conducting engaging theory and practical sessions for M.Sc. Biochemistry, M.Sc. Human Physiology, and M.Sc. Microbiology students, covering a diverse range of subjects. These include Microbiology, Immunology and Infectious Diseases, Microbial Biotechnology, Bioinstrumentation, Antibiotic Action and Resistance, as well as Modern Trends in Diagnostic Microbiology and Nanobiotechnology. The sessions are designed to combine in-depth theoretical knowledge with practical applications, equipping students with the skills needed to excel in both research and industry.

Assistant Professor of Microbiology at Post Graduate Department of Microbiology, E.M.E.A College of Arts and Science, Kondotty

July 2018 — August 2018

The subjects covered include Food Microbiology and General Microbiology.

Assistant Professor of Microbiology at GEMS Arts and Science College, Malappuram

November 2017 — March 2018

Delivering engaging classes for M.Sc. Microbiology students, covering subjects such as **Microbial Metabolism, Industrial Microbiology, Food and Agricultural Microbiology**, and **Microbial Genetics**. These sessions are designed to provide a comprehensive understanding of core concepts, combining theoretical knowledge with practical insights.

Assistant Professor of Microbiology at Markaz Arts and Science College, Valanchery

June 2017 — October 2017

Conducting engaging classes for B.Sc. Microbiology students on topics such as Immunology, General Microbiology, and Environmental and Sanitation Microbiology. These sessions are designed to foster a solid foundational understanding, blending theoretical concepts with practical applications to enhance learning outcomes.

Guest lecturer at School of Health Sciences, University of Calicut, Malappuram

March 2010 — April 2010

Delivering engaging classes for Food Science and Technology students, with a special focus on Industrial Microbiology. These sessions aim to bridge theoretical knowledge with real-world applications, preparing students for practical challenges in the food industry

EDUCATION

Ph.D in Botany (Molecular Phylogenetics), Department of Botany, University of Calicut, Malappuram

September 2011 — March 2018

"A study on systematics and phylogenetic relationships of Asian Leucas (Lamiaceae: Lamioideae) based on molecular methods"

M.Sc Microbiology, Department of Biotechnology and Microbiology, Thalassery Campus, Palayad, Kerala, India - - 670661, Kannur

June 2007 — October 2009

B.Sc Microbiology, E.M.E.A College of Arts and Science (affiliated to University of Calicut), Kuminipparambu P.O, Kondotty-673638., Kondotty

June 2004 — April 2007

COURSES

COP+24 International Climate Change Short Course 2018-19, Indian Astrology Research Centre and IARC Centre for United Nations

January 2018 — April 2019

Awareness and Internal audit course from 26-29 April 2022 as per IEC 17025:2017 (National Accreditation Board for Laboratories), National Accreditation Board for Laboratories

April 2022 — April 2022

“Genome Manipulations, Editing and Interference by VIGS, CRISPR and RNAi”, Guru Jambheshwar University of Science and Technology, Hisar, Haryana, India

March 2019 — March 2019

“Hands-on training in Molecular Techniques QUEST-2012”, Microbial Biotechnology Lab, Dr.K. Anbarasu, Bharathidasan University, Tiruchirappalli

November 2012 — November 2012

“Rapid and Precise Assessment of Physiological Response of Plants Towards Stress Using Computerized and Portable Instruments” , Department of Botany, University of Calicut, Kerala, India

April 2019 — April 2019

27th Winter School on “Bioresources Management”, Madurai Kamaraj University

October 2012 — October 2012

HACCP



Patent applied

“PROCESS FOR PRODUCING ARACHIDONIC ACID RICH FEED SUPPLEMENT AND PRODUCT THEREOF” Reference No. 201941029795, Application No. TEMP/31463/2019-CHE, CBR NO.23663. Applied to Controller General of Patents, Designs & Trade Marks, New Delhi, India.

REFERENCES

Dr. Sreeja I.K., Regional Public Health Laboratory (RPHL RT-PCR Lab) Thalaap, Kannur, Kerala India-670002

sreejaillathukandy1966@gmail.com · +919447710618

Dr.V.V Radhakrishnan, Professor Retired, Plant Breeding Division, Department of Botany, University of Calicut, Kerala-673635, India.

rkvadakkan@gmail.com · +919447524456

Dr. Pramod. C, Assistant Professor, Department of Botany, University of Calicut, Kerala, India-673635

cpramod4@gmail.com · +919446992507

EXTRA-CURRICULAR ACTIVITIES

National Service Scheme volunteer at E.M.A.College of Arts and Science (University of Calicut)

June 2004 — March 2007

National Service Scheme (NSS): Successfully completed 240 hours of diverse NSS activities organized by the college NSS unit during the two-year period from 2004 to 2006.



Awards

- **Rashtrapati Scout Award:** Conferred by the President of India in 2002 for outstanding achievement in scouting.
- **Rajyapuraskar Scout Award:** Presented by the Governor of Kerala in 2000 for excellence in scouting.
- **Best Poster Award:** Awarded at the International Conference on *Biodiversity Evaluation: Perspectives and Paradigm Shifts* for the presentation titled *Vimal K.P. and P. Sunojkumar*. The conference was organized by Sree Sankara College, Kalady, and Cochin University of Science and Technology on December 2-3, 2015.
- **Potential Reviewer:** Recognized as a potential reviewer for the *Indonesian Journal of Chemistry* (ISSN: 1411-9420 [Print]; 2460-1578 [Online]).
- **Organizing Committee Member:** Served as an organizing committee member for the one-day national seminar on *Current Scenario in Life Science Research*, held on October 31, 2019, at Govt. Arts and Science College, Kozhinjampara, Palakkad, Kerala.

Academic achievements

ICAR-NET in Agricultural Microbiology: -Agricultural Scientist Recruitment Board (ASRB). Indian Council for Agriculture Research (ICAR)-2014

1. Research citation - 67. H- index - 5.
2. Publications International - 7, National - 3
3. Books with ISBN - 2
4. Book chapters with ISBN - 3
5. Projects handled - 3
6. M.Sc dissertation guided - 4
7. Patent applied - 1
8. Winter school attended - 1
9. Workshops attended – 9
10. Invited lectures – 5
11. Best poster presentation award -1, Rashtrapathi Scout award - 1, Rajyapuraskar Scout award - 1
12. Reviewer of journal 1
13. Membership in professional bodies - 3 (International 2, National -1)
14. Seminars attended - 10, International conferences - 5
15. Oral presentations – 7, international - 2, National -2, Local -3

DECLARATION

I hereby declare that the details above are true, correct, and complete to the best of my knowledge.

Thenhipalam,
13/01/2025



Dr. Vimal K.P.

From

Dr. Vimal K. P.

Building no. 2620

Behind Al Madina Shopping Centre, Behind Maleha Street

Muwaileh Commercial - Industrial Area

Sharjah

Email: vimalkp2006@gmail.com, vimalrandd@gmail.com

Mobile: +971-586278442, +971-525264226, +919495700579

Passport No: X6227660

Dear Recruitment Head and Team,

I am writing to express my strong interest in the advertised position at your prestigious institution. With a Ph.D. in Botany (Molecular Phylogenetics under the faculty of Science), from the University of Calicut, and over 14 years of multifaceted experience in teaching, research, and development, I am confident that my expertise and passion align perfectly with your team's requirements.

During my tenure as a Research and Development Consultant and Senior Microbiologist at Zeus Biotech Pvt Ltd, from January 2019 to April 2024, I honed my proficiency in research and development (isolated novel bacterial strains for liquid fermentation, Mycotoxin degradation research using herbs) and contributed my skills like laboratory management, team leadership, Documentation, patent filing, project handling, coordination, external collaboration, capacity building, lectures on different trending novel technologies, Scientific article writing, etc. In this capacity, I collaborated with a diverse range of clients from the animal feed industry to the Research and development sector, addressing their unique challenges with scientifically driven solutions. My work on molecular marker-based phylogenetic studies during my Ph.D. has culminated in several high-impact publications, including books, book chapters, and articles in prestigious national and international journals.

My role as a Scientist in the NHM scheme at the Regional Public Health Laboratory further sharpened my skills in both the theoretical and applied dimensions of virology, microbiology, and molecular biology. Additionally, my experience as Regional Head at iLuZia Lab LLP has afforded me invaluable insights into client relationship management and

business development especially within the education and higher education sectors to establish metaverse labs. Over the years, I have delivered numerous invited lectures, and motivational lectures, and also successfully filed patents, further showcasing my commitment to advancing the scientific frontier.

In academia, I have served as an Assistant Professor at several renowned institutions, including the Department of Life Sciences, University of Calicut, and Government Arts and Science College, Kozhijampara. I have developed and delivered curricula for both undergraduate and graduate students across a wide spectrum of subjects, ranging from Immunology to Food and Industrial Microbiology. My pedagogical approach, grounded in fostering dynamic and interactive learning environments, has consistently yielded positive feedback from students and colleagues alike. My commitment to professional growth is reflected in my participation in advanced workshops, such as the GIAN workshops on Genome Manipulation and Molecular Biology techniques, where I expanded my knowledge of cutting-edge methodologies.

I am also an active member of key professional organizations, including the American Society for Microbiology, the Indian Association for Angiosperm Taxonomy, and the Calicut University Botanical Society, which allows me to remain at the forefront of the latest scientific advancements.

I am particularly drawn to this opportunity because of your institution's unwavering commitment to innovation and excellence in research and development. The prospect of contributing my expertise in Molecular Biology, Microbiology, Bioinformatics, and Computational Biology to support your organization's goals excites me greatly. I am eager to collaborate with like-minded professionals who share a passion for pushing the boundaries of scientific inquiry and development. I have also served as an Assistant Professor of Microbiology at several esteemed institutions, including Markaz Arts and Science College, Athavanad (Malappuram District, Kerala, India), GEMS Arts and Science College (Post Graduate Department of Microbiology, Ramapuram, Malappuram, Kerala, India), the School of Health Sciences at the University of Calicut (Kerala, India), and E.M.E.A. College of Arts and Science (affiliated with the University of Calicut, Kondotty, Kerala, India) too. These roles have provided me with a diverse and enriching academic experience, enabling me to develop and deliver comprehensive curricula in microbiology and related fields while fostering the academic growth of both undergraduate and postgraduate students.

Thank you for considering my application. I look forward to the opportunity to discuss how my qualifications, skills, and enthusiasm can contribute to the ongoing success of your esteemed organization. I have attached my short and detailed CV for your review and I am available for an interview at your earliest convenience. Please feel free to reach me at +971-586278442, +971-525264226, +919495700579, or via email at vimalkp2006@gmail.com, vimalrandd@gmail.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Vimal', is positioned to the left of a vertical line.

Dr. Vimal K. P.

Sharjah

13/01/2025