

CURRICULUM VITAE



Dr.Vimal K. P.

Aruvi,

Manikkuklathuparamba,

P.O.Thenhiapalam, Malappuram

District, Kerala State, India- 673636.

Email:-vimalkp2006@gmail.com,

YouTube channel:

<https://www.youtube.com/c/BIOLOGYTUTORdrvimal>.

<https://tinyurl.com/vaf5cmvy>

Mob: +919495700579

DOB: - 21/07/1985

Passport No. X6227660

Sex: -Male

WORK EXPERIENCE

- Worked as **Senior Microbiologist at Zeus Biotech Pvt Ltd**,18 & 19, Belagola Food Industrial Estate, Metagalli, Mysore – 570016, Karnataka, India from 09/04/2022 to 30/04/2024.
- Former **Regional Head at iLuZia Lab LLP**, Govt Cyber Park Sahya Building, 3rd Floor KSITL Special Economic Zone, 167/A GA College Post, Kozhikode, Kerala, India - 673014, Mob: +917593888821 from 08/01/2022 to 08/04/2022
- **Worked as a Scientist under the NHM scheme at Regional Public Health Lab (Covid – 19) Netaji -Providence College Rd, Netaji Nagar Colony, Malaparamba, Kozhikode, Kerala 673009 (COVID-19 Test lab) 26/08/2020 – 31/10/2021.**

- **Coordinator of Placement & Career Guidance Cell at Government Arts and Science College, Nattukal P.O, Kozhinjampara, Nattukal, Palakkad, Kerala 678554 in the academic year 2019-2020.**
- Working as Guest faculty at Coaching Centre for Minority Youth in **Life Science and Environmental Science**, Puthiyara, Calicut-673004 since 11/04/2019.
- Mentor of “**Walk With a Scholar (WWS)**” programme for 1st Year B.Sc Microbiology students in the year 2020 at Govt Arts and Science College Kozhinjampara, Palakkad, Nattukal. P. O., Palakkad-678554.
- Faculty of “**Scholar Support Programme (SSP)**” for 3rd Year B.Sc Microbiology students at Government Arts and Science College Kozhinjampara, Palakkad, Nattukal.P.O., Palakkad-678554.
- **Research & Development consultant at Zeus Biotech Pvt Ltd, (Microbiology, Molecular biology and Bioinformatics)** 18&19, Belagola Food Industrial Area, Metagalli, Mysore-570016, India since 01/01/2019 to 08/04/2022.
- **Research & Development consultant at Amplicon Biolabs (Microbiology, Molecular biology & Bioinformatics)**, KINFRA Techno Industrial, P.O. Chelembra, Malappuram District, Kerala-673634 since 01/01/2018

Teaching/ Research experience

Total of 14 years of work experience in Teaching/ Research

Assistant Professor

- **Worked as Assistant Professor of Microbiology on an hourly basis in the Department of Life Sciences, University of Calicut, Kerala, India from 12/01/2022 to 31/03/2022**
- **Assistant Professor of Microbiology on contract in the Post Graduate and Research Department of Microbiology, Government Arts and Science College Kozhinjampara, Palakkad from 24/06/2019 – 31/03/2020.** Engaging sessions both theory and practical for M.Sc. and B.Sc. Microbiology students. Subjects include: - **Immunology, Diagnostic Microbiology, Molecular biology, Food and Industrial Microbiology, Soil and Agricultural Microbiology, Entrepreneurship Development, General Informatics and Bioinformatics, and Medical Microbiology**

- **Assistant Professor of Microbiology** on a contract basis in the **Department of Life Sciences, University of Calicut**. Engaging sessions both theory and practical for M.Sc. Biochemistry, M.Sc. Human Physiology and M.Sc. Microbiology students. From 16/08/2018 – 22/06/2019. Subjects include: - **Microbiology, immunology and infectious diseases, Microbiology and Immunology, Microbial Biotechnology, Bioinstrumentation, Antibiotic action and resistance, and Modern Trends in Diagnostic Microbiology and Nanobiotechnology**
- **Assistant Professor of Microbiology**, Post Graduate Department of Microbiology, E.M.E.A College of Arts and Science, Kondotty, Kumminipparamba P.O., Kerala, India-673638 (Affiliated to the University of Calicut). From 04/07/2018 to 14/08/2018. Subjects include: - **Food Microbiology and General Microbiology**.
- **Assistant Professor of Microbiology**, GEMS Arts and Science College, Post Graduate Department of Microbiology, Ramapuram, Malappuram, Kerala State, India- 679325. (Affiliated to the University of Calicut). From 11/10/2017 to 03/07/2018. Engaging classes for M.Sc. Microbiology students. Subjects include- **Microbial Metabolism, Industrial Microbiology, Food and Agricultural Microbiology, and Microbial Genetics**.
- **Assistant Professor of Microbiology**, Markaz Arts and Science College, Athavanad, P.O. Karthala, Malappuram District, Kerala State, India-679571. (Affiliated to the University of Calicut). Engaging classes for B.Sc. Microbiology students on the topics of **Immunology, General Microbiology, Environmental and Sanitation Microbiology**, etc. 19/06/2017-10/10/2017.
- School of Health Sciences, University of Calicut, Kerala State, India-673636. Guest lecturer. Engaging classes for Food Science and Technology students, especially in **Industrial Microbiology**. 24/03/2010 to 26/04/2010.

Ph.D. RESEARCH FELLOW

- Department of Botany, University of Calicut, Kerala, India-673635. Worked as Junior Research Fellow and Senior Research Fellow in the DBT Project entitled **“Molecular marker-based studies on the phylogenetic relationships and biogeographic origin of the medicinal plant genus *Leucas* (Lamiaceae)”** From 01/11/2013 to 18/06/2017
- Worked as a Ph.D. Research Fellow on the topic **"A study on systematics and phylogenetic relationships of Asian *Leucas* (Lamiaceae: Lamioideae) based on molecular methods"** in the Interuniversity Centre for Plant Biotechnology, Department of Botany, University of Calicut, Kerala, India-673635. From 14/09/2011 to 31/10/2013.

TECHNICAL OFFICER

- **Technical Officer in the Interuniversity Centre for Plant Biotechnology**, Department of Botany, University of Calicut, Kerala State, India-673635. Works include Technology dissemination among the academic community. Lab work constitutes different fields such as **Molecular Phylogenetics, Molecular Biology, Bioinformatics, Plant Cell Tissue Culture, and special training for students of various academic communities.** 28/07/2010-13/09/2011.

EXTENSION OFFICER

- FIRMA (Fisheries Resource Management Society, Govt of Kerala Undertaking). Works include extension activities of the project proposed by the father of Green Revolution in India, Dr. M.S. Swaminathan under the project **“Eradication and utilization of water hyacinth”** under Kuttanad package in Kerala State. 29/04/2010-27/07/2010.

EDUCATION

- Certification: - Completed COP+24 International Climate Change Short Course 2018-19 nested under the COP+24 Program and part of UNITES 2018 initiative with **Grade A** jointly organized by the Indian Astrology Research Centre and **IARC Centre for United Nations.**
- Completed the Awareness and Internal audit course from 26-29 April 2022 as per IEC 17025:2017 (**National Accreditation Board for Laboratories**) at Zeus Biotech, Mysore

- Awarded Ph.D. in Botany, Department of Botany, University of Calicut, Kerala, India- 673635. Worked as Ph.D. Research Fellow on the topic "**A study on systematics and phylogenetic relationships of Asian *Leucas* (Lamiaceae: Lamioideae) based on molecular methods**". From 14/09/2011 to 13/09/2017.
- **ICAR-NET in Agricultural Microbiology:** -Agricultural Scientist Recruitment Board (ASRB). Indian Council for Agriculture Research (ICAR)-2014
- **Master of Science in Microbiology:** - School of Life Sciences, Department of Biotechnology and Microbiology, Thalassery Campus, Palayad- 670661, Kerala State, India-673635. From 01/07/2007 to 10/10/2009. Marks obtained: -64.20%. Subjects include: - General Microbiology, Biochemistry, Cell Biology, Molecular Biology, Biophysics, Biostatistics and Instrumentation, Ethics patency and Intellectual Property Rights, Genetics, Human Physiology, Parasitology, etc.
- **Bachelor of Science in Microbiology:** - E.M.E.A College of Arts and Science (affiliated to University of Calicut), Kumminipparambu P.O, Kondotty-673638. Marks obtained: -61.86%. Subjects include: - General Microbiology, Environmental and Sanitation Microbiology, Biochemistry, Molecular Biology, Bioinformatics, etc. 01/06/2004-01/04/2007.
- **Higher Secondary Examination (Biology):** - St Thomas College Higher Secondary School, Thrissur, Kerala State, India. Subjects include: - Botany, Zoology, Mathematics, Malayalam, and English. 01/06/2001-30/04.2003. Marks obtained: -66.67%
- **Secondary School Leaving Certificate:** - Government Model Higher Secondary School, Calicut University Campus, Kerala State, India-673635. 01/06/2000-30/04/2001. Marks obtained: -91.67%

SKILLS

CAREER OBJECTIVE

To work in an innovative and competitive world that will help me to explore myself and realize my potential to work with dedication in fulfilling my organization's and my goals and thereby contribute towards organizations and personal growth.

COMPUTER KNOWLEDGE

- Computer application compulsory paper was there as a part of the curriculum during my UG period.

- From 8 – the 10th standard, I got an opportunity to attend computer classes for selected students of my school.

PERSONAL SKILL: - Ability to adapt to an Environment. Ability to work in a team and adapt to various environments very fast. Like to take up responsibilities and ensure it is completed with maximum perfection in time.

MOLECULAR PHYLOGENETICS

Expertise in phylogeny software such as **PAUP, MEGA, RaXML, BEAUTi and BEAST, Mr. Bayes, Mesquite, etc.**

MOLECULAR TECHNIQUES: - **CRISPR/ Cas9, RNAi, Virus-Induced Gene Transfer, DNA isolation, amplification using Thermal Cycler (PCR Machine) etc.**

PCR:- 10 years of experience in PCR and Real-Time PCR with plant, bacteria, and viral specimens.

HPLC:- Expertise in testing samples like, vitamins, fungal toxins like Aflatoxin, Zearalenone, Ochratoxin, T-2 toxin, Fumonisin, Deoxynivalenol, Vitamins, Aminoacids, Choline chloride, Organic acids, etc.

MASTER OF SCIENCE (DISSERTATION)

“Characterization of erythromycin-resistant *enterococci spp* isolated from fermented foods” at Central Food Technological Research Institute, Mysore, Prakash. M. Halami, Principal Scientist, Food Microbiology Division.

Duration:- 6 Months (2009 April- September 2009),

WINTER SCHOOL ATTENDED

Participated in the 27th Winter School on “Bioresources Management” conducted by Madurai Kamaraj University from 08th October 2012 to 22nd October 2012 (15 days).

WORKSHOPS ATTENDED

Completed one week workshop GIAN (Global Initiative for Academic Networks) on the topic “Rapid and Precise Assessment of Physiological Response of Plants Towards Stress Using Computerized and Portable Instruments” from 01/04/2019- 05/04/2019 held at Department of Botany, University of Calicut, Kerala, India.

Successfully completed with A grade of two weeks GIAN (Global Initiative for Academic Networks) workshop- course on the topic “Genome Manipulations, Editing and Interference by VIGS, CRISPR and RNAi” from 05/03/2019 to 14/03/2019 held at Guru Jambheshwar University of Science and Technology, Hisar, Haryana, India

- Participated in three Day workshop on “**BASIC TECHNIQUES IN MOLECULAR BIOLOGY**” from 02.08.2018 to 04.08.2018 conducted by the Centre for Advances in Molecular Biology (CAMB) and Department of Zoology, University of Calicut.
- Participated in the five days hands-on training workshops on “**CELL CYCLE ANALYSIS AND APOPTOSIS ASSAY**” from 12th -16th March 2018 conducted by BD Life Sciences, Kerala University.
- Attended “**Hands on training in Molecular Techniques QUEST-2012**”. DBT sponsored a national workshop organized by the Microbial Biotechnology Lab, Dr.K. Anbarasu, Bharathidasan University, Tiruchirappalli from 5th - 9th November 2012.
- National workshop on “**Botanical Nomenclature**” sponsored by KSCSTE and UGC organized by the Department of Botany, University from 17th to 19th March 2014.
- “**National Workshop on Intellectual Property Rights and Economic Development in the Knowledge Era**” held on 12th August 2010 at E.M.S Seminar complex, the University of Calicut jointly organized by PIC-Kerala, KSCSTE & University of Calicut.
- National workshop on “**Bioinformatics Tools and Applications**” on 18th and 19th February 2015, conducted by the Department of Biotechnology, the University of Calicut under the Bioinformatics Infrastructure Facility sponsored by the Department of Biotechnology (DBT), Govt. of India.
- Participated in the National Workshop in “**Flow Cytometry**” conducted by the Inter-University Centre for Genomics and Gene Technology, University of Kerala, Kariavattom, Thiruvananthapuram during March 12-16, 2018.

M.Sc dissertation guided

- ‘Production of Xylanase from *Aspergillus niger* by Solid State Fermentation’. Submitted by Aswathy K.K., M.Sc Biotechnology, Pooja Bhagavat Memorial

SBRR Mahajana First Grade College.

Project handling

- **‘Molecular Characterization of Xylanase enzyme’**
- **‘Characterization of *Bacillus velezensis* from animal feeds’**
- **‘Molecular mechanism and action of selected herbal samples on fungal toxin containing feed samples’**

INVITED LECTURES

- Delivered a lecture on the topic **“How to build a career after graduation”** as a part of **the** career guidance **program** organized by the Department of Microbiology, Blossom Arts & Science College Kondotty, Valiyaparamba P.O 673637 on 16/02/2022.
- Delivered a lecture on the topic **“Innovative strategies to avoid food and water-borne diseases”** organized by **Department of Microbiology and Rathinam Health and Hygiene club, Rathinam Arts and Science College, Rathinam Techzone Campus, Pollachi Road, Eachanari, Coimbatore, Tamil Nadu, India - 641021.** in association with National Service Scheme on 29.01.2022.
- Invited as keynote speaker on the topic **‘Career Prospects in Life Sciences’** during the one-day regional webinar Organized by the Department of Microbiology in association with the Internal quality Assurance Cell (IQAC), on 16th January 2021.
- Delivered two lectures on the topic **“General Informatics and Bioinformatics”** on 16/09/2019 and 21/09/2019 respectively for 5th-semester B.Sc. Botany students at the Department of Botany, Farook College (Autonomous), Kozhikode, Kerala-673632.
- Delivered invited lecture on **“Modern trends in Agriculture”** at Sahavasa Camp at Padma A.M.U.P School, Karad, Malappuram on 26/02/2015.

AWARDS AND HONOURS

- **Best poster award in the International Conference on Biodiversity Evaluation Perspectives and Paradigm Shifts** Vimal K.P. and P. Sunojkumar organized by Sree Sankara College, Kalady and Cochin University and Science and Technology on December 2-3 2015.
- **Potential reviewer of the journal Indonesian Journal of Chemistry.** (ISSN-1411- 9420 (PRINT); 2460-1578 (ONLINE)).
- **Organizing committee member** of the one-day national seminar on “**Current Scenario in Life Science Research**” on 31/10/2019 organized by the Govt Arts and Science College Kozhinjampara, Palakkad, Nattukal.P.O., Palakkad-678554.

MEMBERSHIP TO PROFESSIONAL ASSOCIATIONS

- Member of American Society for Microbiology from since 16/11/2018.
- Member of Indian Association for Angiosperm Taxonomy since 28/05/2015.
- Member of Calicut University Botanical Society (CUBAL) since 15/09/2011.

NATIONAL SERVICE SCHEME

- Satisfactorily completed 240 hours of various N.S.S activities undertaken by the college N.S.S Unit during the two-year period 2004-2006.

AWARD FOR BEST SCOUTING

- Rashtrapati Scout award from the **President of India** for best scouting in the year 2002.
- Rajyapuraskar Scout Award from the Governor of Kerala for best scouting in the year 2000.

SEMINARS ATTENDED

- Attended a webinar on “**Microbial Interaction in Ocean**” organized by Post Graduate Department of Microbiology, EMEA College of Arts and Science, Kondotti on 17/08/2020.
- Completed National Webinar on stress Response in Mycobacteria – certificate on 18-8-2020, with a passing score of 100% Certificate ID DC0IVA- CE000108

- Attended a national seminar on **“Plant Science: Current Challenges & Perspectives”** held at the Department of Botany, University of Calicut, Kerala, India-673635 from Feb 28, 2019- March 2, 2019.
- **“National seminar on Advances in Genomics and Proteomics”** organized by Department of Biotechnology, Bharathidasan University, Tiruchirappalli, Tamil Nadu on 5th November 2012.
- National Seminar on **“Hortus Malabaricus”** held at the Department of Botany, the University of Calicut on 17th February 2012 organized by UGC.
- National seminar on **“Genetics, Breeding and Biotechnology”** jointly organized by the Interuniversity Centre for Plant Biotechnology, Department of Botany, University of Calicut, Kerala on 16th -17th December 2011.
- National seminar on **“Application of Bioinformatics”** on August 19th 2011 conducted by the Department of Biotechnology (DBT), Govt. of India.
- UGC sponsored seminar on **“Forestry practices in Kerala with special reference to Biodiversity Conservation”** organized by the Department of Botany, University of Calicut on 18th March 2011.
- National Seminar on **“Advances in Medical Sciences”** on 29th August 2005, organized by the Post Graduate Department of Microbiology, EMEA College of Arts and Science, Kondotty.
- National seminar on **“Recent trends in Microbiology”** held on 26-27 the September 2017, held at University of Calicut, organized by Department of Life Sciences, University of Calicut.

INTERNATIONAL CONFERENCES ATTENDED

- Attended International Conference on Advances in Biosciences held at EMEA College of Arts and Science, Kondotty from 27/02/19 to 28/02/2019
- International Conference on “**Advances in Biological Sciences (ICABS-2012)**”, March 15-17, 2012, Kannur, Kerala, India.
- “**International Conference on Biodiversity Evaluation Perspectives and Paradigm Shifts**”. December 2-3, 2015 at Sree Sankara College Kalady, Kerala.
- “**International seminar on Advancements in Angiosperm Systematics and Conservation**”. November 19-21 2015 held at the Department of Botany, University of Calicut, Kerala.

SYMPOSIUM ATTENDED

- “**6th International Symposium on the family Zingiberaceae**” jointly organized by the Department of Botany, University of Calicut and Indian Association of Angiosperm Taxonomy 10th -13th September 2012 held at the Department of Botany, University of Calicut.
-

POSTER PRESENTATIONS

- “**Prevalence of antibiotic resistance in Lactic acid bacteria in fermented foods**”, **Vimal K.P.**, Surya Chandra Rao.T and Halami.P.M. 20th Indian Convention of Food Scientists and Technologists organized by Association of Food Scientists and Technologists (India), December 21-23rd 2009, held at NIMHANS Convention Centre, Bengaluru.
- “**Systematic study of Calcium Oxalate crystals as a diagnostic marker for the genus *Leucas*R.Br. (Lamiaceae)**” authored by Sajna Mannethody, **Vimal K.P** and Sunojkumar P., Poster presented in 24th Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT) & International Conference on Trends in Plant Systematics (ICTIPS) 31st October – 2nd November 2014 held at Bharathidasan University, Tiruchirappalli, Tamil Nadu.3.
- “**Western Ghats:- Cradle of Evolution of *Leucas* (Lamiaceae:Lamioideae)**” **Kollancheri Puthanveettil Vimal** and Purayidathkandy Sunojkumar. (**Bagged First prize**) in the International Conference on Biodiversity, Evaluation, Perspectives and Paradigm Shifts from 2-3 December 2015.

- **“BAYESIAN MOLECULAR CLOCK DIVERGENCE DATING OF *BACILLUS* USING 16S rRNA GENE SEQUENCES., K.P. Vimal1, C.P.Sreena and Denoj Sebastian, 1Markaz Arts and Science College, Athavanad, Karthala P.O., Malappuram, Kerala-679571, 2Department of Life Sciences, University of Calicut, Malappuram, Kerala-673635. National seminar on “Recent trends in Microbiology” held on 26-27 September 2017 held at the University of Calicut, organized by the Department of Life Sciences, University of Calicut.**

PAPERS PUBLISHED

- *leucas sivadasaniana*– an endemic species of great conservation needs from southern western ghats, karnataka, Vimal K.P., Volume-02, Issue. 01, 2019. (DOI: 10.13140/RG.2.2.35707.16160).
- Mutational and phylogenetic analysis of nfxB Gene in Multidrug-Resistant Clinical Isolates of *Pseudomonas aeruginosa* Hyperexpressing MexCD-OprJ Efflux Pump, Manju Suresh, Nithya Narayanan, **Kollancheri Puthurath Vimal**, Pullampara Rajamma Jayasree, Panickassery Ramakrishnan Manish Kumar, *Advances in Microbiology*, 2019, 9: 993-999, ISSN Online: 2165-3410 ISSN Print: 2165-3402
- “Janithakamattam varuthiya nelchedi upayogichulla human immune deficiency (HIV) virusinte vyapanam thadayal” **Vimal K.P.**, *Vijnanakairali*, ISSN: - 2349-1051, December 2018, pp.73.
- **Mutational analyses of regulatory genes, mexR, nalC, nalD and mexZ of mexAB- oprM and mexXY operons, in efflux pump hyperexpressing multidrug-resistant clinical isolates of *Pseudomonas aeruginosa*** Manju Suresh1 . Nithya N · Jayasree P.
R. Vimal K. P. Manish Kumar P. R. Received: 8 January 2018 / Accepted: 25 May 2018.© Springer Science Business Media B.V., part of **Springer Nature 2018. *World Journal of Microbiology and Biotechnology* (2018) 34:83, 1-11, Impact Factor- 2.518**
- Production of cellulases and xylanase from *Bacillus subtilis* MU S1 isolated from protected areas of Munnar Wildlife Division. 2016. Sreena C.P., **Vimal K.P** and

Denoj Sebastian. *JOURNAL OF MICROBIOLOGY, BIOTECHNOLOGY AND FOOD SCIENCES (JMBFS)*. ISSN: 1338-5178 5 (6): 500-504.

- First record of *Vandellia diffusa* (Linderniaceae) in Asia authored by Mangavayal Govindan Prasad, **Kollancheri Puthanveetil Vimal**, Kalathumarathu Shinoj and Purayidathkandy Sunojkumar, *Phytotaxa* **163 (1): 054–057** accepted: -24th February 2014, published 20th March 2014. ISSN 1179-3155 (print); ISSN 1179-3163 (online) **Impact Factor: -1.09**
- A new species of *Chlorophytum* (Asparagaceae) from Southern Western Ghats of India, authored by K.M Prabhukumar, V. S Hareesh, A A.Adsul, **K P. Vimal**, I Balachandran, and S R. Yadav. 2014. 188 (5): 282-286. *Phytotaxa*. **Impact Factor: - 1.09**. ISSN 1179-3155 (print); ISSN 1179-3163 (online).
- A checklist of the genus *Pogostemon* desf. in Southern Western Ghats Kalathummarath Shinoj, **Kollancheri Puthanveetil Vimal**, Purayidathkandy Sunojkumar1, *South Indian Journal of Biological Sciences* 2016; 2(1); 46-51 ONLINE ISSN: 2454-4787.
- Notes on the identity and distribution of the endemic *Leucas nepetifolia* (Lamiaceae: Lamioideae) in southern India. **K.P. Vimal** & P. Sunojkumar 2017. *Rheedea* **27(1): 50-53** ISSN 0971-2313.
- *Leucas dhonimalayensis* (Lamiaceae), a new species from Peninsular India, **Kollancheri Puthanveetil Vimal**, Kalathummarath Shinoj, Mangavayal Govindan Prasad and Purayidathkandy Sunojkumar 2018. *Ann. Bot. Fennici*, 55: 289-292. Impact factor: -0.82, ISSN 0003-3847 (Print), ISSN 1797-2442 (Online).

BOOKS PUBLISHED

- ‘Food Safety Officer Capsule’ by **Dr. Vimal.K.P., Dr. C.P. Sreena**, September 2020, ISBN-978-8-194-79100-3 published by Amplicon Bio Labs, Kakkanchery, KINFRA Techno Industrial, Kerala, India.
- ‘A study on the potential risk of erythromycin resistant enterococci and its characterization from locally available fermented foods of mysore, karnataka’ by **Dr. Vimal K.P.** 2019. ISBN:978-93-5361-807-0.

BOOK CHAPTERS PUBLISHED

- Thumbachediyude, Ulpathiyum, Vargeekaranavum, Lokavyapanavum. Arivum Malayalavum book published in 2017. **Dr K.P. Vimal**, Arivum Malayalavum ISBN :- **978-8-192-86201-9**.
- Western Ghats: - Cradle of Evolution of *Leucas* (Lamiaceae: Lamioideae), **Kollancheri Puthanveetil Vimal**, and Purayidathkandy Sunojkumar. International conference on Biodiversity & Evaluation Perspectives & Paradigm shifts held on 2-3 December 2015. ISBN:**978-93-80095-70-7**.
- Prevalence of *erm(b)* gene in antibiotic resistant enterococcus spp isolated from fermented foods from different localities of mysore (Karnataka) Kollancherri Puthanveetil Vimal*, Surya Chandra Rao and Halami PM, Department of Food Microbiology, Central Food Technological Research Institute, (CFTRI), Mysore, Karnataka, India. *Sustainable Biotechnology* pp. 26-33, 2016 (Lambert Academic Publishing) ISBN:- **978-3-659-89742-9**.

ORAL PRESENTATIONS

- Presented a paper on the topic “**Phylogenetic Systematics of Asian *Leucas* (Lamiaceae: Lamioideae)** in the International Conference on Advances in Biosciences held at EMEA College of Arts and Science, Kondotty 27/02/19 – 28/02/2019,
- Thumachedi Ulpathiyum, Vargeekaranavum Lokavyapanavum, **Vimal K.P.**, 10th Prof.N.V.P.Unithiri Endowment: All Kerala Oriental Conference 15th& 16th December 2015.
- Antibiotic resistant *enterococci* from fermented foods, **Vimal K.P.** in National Conference on Advances in Laboratory Practice at M.E.S Medical College, Perinthalmanna, Malappuram. 13- 14 June 2015.
- Prevalence of *Tet* (M) gene in the fermented foods collected from different localities of Mysore, Karnataka. **Vimal K.P.** ACMBCON 2016, National Conference on Clinical Microbiologists and Biochemists 16-17 January 2016 at EMS Seminar Complex, organized by the School of Health Sciences and Centre for Health Sciences.

- Characterization of multidrug-resistant *Enterococcus* sp isolated from fermented foods from different localities of Mysore and its importance in the fermented foods industry. **Vimal K.P.**, BIOSPARK 16, UGC sponsored national seminar on Nanotechnology Meets Microbiology organized by Department of Microbiology, EMEA College of Arts and Science, Kondotty.
- Prevalence of *erm* (B) gene in antibiotic-resistant *enterococcus* sp. isolated from fermented foods from different localities of Mysore, Karnataka. **Vimal K.P.** UGC sponsored seminar on National Seminar on Sustainable Biotechnology, conducted by the Department of Biotechnology, E.M.E.A College of Arts and Science, Kondotty.
- Phylogenetic position of the Western Ghats endemic *Leucas* (Lamiaceae: Lamioideae), **K.P.Vimal**, in National Seminar on Advancement of Biosystematics on Biodiversity Conservation 8-9 October 2015. At Sree Narayana College, Varkala, Sivagiri.

PATENT AWARDED/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.
- **Trade Marks applied**
 1. ILUZIA 2. MY CLASS 3. PRACTICAL REALITY

NAME OF REFEREES

1. **Dr. Sreeja I.K.**, Junior Consultant, Regional Public Health Laboratory
(RPHL RT-PCR Lab) Thalaap, Kannur, Kerala India-670002
Email:sreejaillathukandy1966@gmail.com. Mob:- +919447710618
2. **Dr.V.V Radhakrishnan**, Professor, Plant Breeding Division, Department of Botany, University of Calicut, Kerala-673635, India. Email:rkvadakkan@gmail.com, Mob:+919447524456.
3. **Dr. Pramod. C**, Assistant Professor, Department of Botany, University of Calicut Kerala, India-673635. Mob:-+919446992507, Email: cpramod4@gmail.com
4. **Dr. M. Sabu**, Professor, Agiosperm Taxonomy and Floristics Division, Department of Botany, University of Calicut, Kerala, India-673635, Mob:-+919447636333, Email:-msabu9@gmail.com.
5. **Dr. Prakash Motiram Halami**, Principal Scientist, Central Food Technological Research Institute, Mysore-570020, [Tel:-0821-2517539](tel:0821-2517539), Mob:+919886206378, Email:-kash13@yahoo.com, foodmicro@cftri.res.in
6. **Dr. Nithya Vadakedath**, Senior Scientist, IMTECH, Chandigarh, Email:-nithya@imtech.res.in. Mob:- +918943593941

DECLARATION

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

Thenhipalam,
26/07/2024



Dr. Vimal K.P.