

PRINCY VARGHESE

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PERSONAL STATEMENT: I am an enthusiastic, hardworking and organized person with multitasking skills. I'm quick to learn and passionate about research and teaching. I acquired skills from varied jobs and would use every opportunity to apply my skills and knowledge towards the success of any work under taken.

EDUCATION

- **M.Phil. Microbial Technology, 2002-2003** (Grade 75%),

Manonmaniam Sundaranar University, India

Project title: "Biological sulphate reduction in an Upflow Anaerobic Sludge Blanket (UASB) reactor fed with cellulose as the carbon Source (study undertaken at Central Leather Research Institute (CLRI), Chennai, India).

- **MSc Microbiology, 1999-2001** (Grade 72%)

Srimad Andavan Arts & Science College, Bharathidasan University, India

Dissertation title: "Regeneration of nutrients in Mangalvan, an estuarine mangrove ecosystem" (study undertaken at National Institute of Oceanography (NIO), Kochi, India).

- **BSc Microbiology, 1996-1999** (Grade 66%)

Vysya College, Madras University, India

ADDITIONAL QUALIFICATION

- **Diploma in Acupuncture Science, DAsc., 2018**

Registered by the Government Under Act XXI of 1860. Registration No.: 52376

- **ICAR, NET, 2018**

WORK EXPERIENCE: FULL TIME

- **Assistant Professor (contract),** January 2018- till

The Cochin College, Kochi, Ernakulam, Kerala, India.

Subjects taught: Biostatistics and Research Methodology, Biophysics, Instrumentation and Biological Techniques, Microbiology and Biotechnology, Bacteriology, Virology and Mycology, and Clinical Microbiology.

Tasks: Teaching, supervision of dissertation works, administrative assistance.

- **Operations Associate,** October 2015 – August 2016

Order line limited/ Church Pharmacy, Loughborough, UK.

Tasks: Multi-tasking role for a pharmaceutical distributor specializing in Medical Aesthetics such as Botox and Skin Care and NHS prescription services. Dispensary: Picking products as per order and printing patient labels, dispensing medicines for care homes. Admin dept: admin assistant (receiving goods, filing paper works, invoices).

- **Laboratory Technician (Quality Control Department),** February- July 2010

Kuwaiti Danish Dairy Company (KDD), Kuwait

Tasks: Microbial analysis of production, release and shelf life food & diary samples, media & reagent preparation, calibration of instruments and preparation of reports based on results to supervisor and manager.

- **Lecturer of Microbiology**, June 2004- April 2008

Prince Shri Venkateshwara Arts and Science College, Chennai, India

Subjects taught: Microbial Physiology, Virology, Mycology, Phycology, General Microbiology, Applied Microbiology, Environmental science and Environmental Microbiology.

Tasks: Teaching, supervision of dissertation works, administrative assistance, planned and organised field trips to research organizations.

WORK EXPERIENCE: PART TIME

- **Teaching assistant**, January – April 2015, May 2016

Dr Cath Rees, Division of Food Sciences, The University of Nottingham, Sutton Bonington

Tasks: Marking student reports and presentations according to University regulations. Supervised two undergraduate project works.

- **Demonstrator**, February 2011- April 2015

The University of Nottingham, School of Biosciences, Sutton Bonington, UK

Tasks: Demonstrating in Microbiology laboratory practicals for students & assisting in performing the experiments. (Papers: Microbial Physiology, Practical Methods in Microbiology and Virology).

- **Research Assistant**, November, 2014

Dr Ian Fisk, Division of Food Sciences, The University of Nottingham, Sutton Bonington

Tasks: Short project: Determining the Cold Atmospheric Plasma effects on tea leaves.

- **Exam invigilator**, January 2013 - May, August 2015

The University of Nottingham, School of Biosciences, Sutton Bonington

Tasks: Worked as both lead and assistant invigilator for University exams during examinations periods.

- **Evening supervisor**, March 2011- September 2015

Elior UK limited, 3M Building site, Loughborough, UK

Tasks: Single handedly managed the catering department at evening times. Work done: cooking, cleaning, service, sales and customer complaints.

PUBLICATIONS:

- Kavya Vinayachandran, Arpitha M R, Manju V Subramanian*, Smitha N R, Vineeth Kumar T V, Princy Varghese, 2020. Isolation and Identification Of Fungi Associated With Local Fruits And Vegetables From Kochi And Mattancherry Market, India. *Bioscience Discovery*, 11(4):239-248.

Conference proceedings:

- Princy Varghese, Ogueri Nwaiwu, Joanne Hort, Matthew Dickinson, Jon Hobman and Catherine E.D., Evaluation of Cold Atmospheric Plasma (CAP) as a novel antifungal agent, *Current Methods in Microbiology*, Sfam PECS research conference, 2014.
- Princy Varghese, Ogueri Nwaiwu, Joanne Hort, Matthew Dickinson, Jon Hobman and Catherine E.D. Rees, The use of cold atmospheric plasma to decontaminate the surface of soft fruits, *From single cells to functions of consortia in food microbiology: Food Micro* 2014.
- P. Varghese, O. Nwaiwu, J. Hort, M. Dickinson, J. Hobman and C.E.D. Rees, The use of cold atmospheric plasma to decontaminate the surface of soft fruits, 10th

International congress of plant pathology, *Acta Phytophologica Sinica*, Vol. 43 (supplement) 2013, P30.002, p 410.

- Ogueri Nwaiwu, Zhang Hao, Ding Tao, Princy Varghese, Jon Hobman and Catherine Rees, Evaluation of Cold Atmospheric Plasma (CAP) as a method to control meat spoilage organisms and meat packaging contamination, IFST Spring Conference 2013: Securing the future supply of food: challenges and opportunities, Norwich, UK.
- Princy Varghese, Ogueri Nwaiwu, Anuli Uzozie, Neil Doherty, Jon Hobman and Cath Rees, The use of Cold Atmospheric Plasma to extend the shelf life of soft fruit, Sfam summer conference 2011, P102, p 64.

CONFERENCES ATTENDED: All the conferences attended were fully funded by the relevant societies.

- PECS Research Conference, *Current Methods in Microbiology*, 13 October 2014, The Royal Society of Medicine, London, UK.
- 24th International ICFMH conference, *FOOD MICRO 2014: From single cells to functions of consortia in food microbiology*, 1- 4 September 2014, Nantes, France.
- 10th International Congress of Plant Pathology, *ICPP2013: Biosecurity, Food Safety and Plant Pathology*, 25 - 30 August 2013, Beijing, China.
- IFST Spring Conference 2013: Securing the future supply of food: challenges and opportunities, 17-18 April 2013, Institute of Food Research, Norwich, UK
- Sfam summer conference 2011, *Food Microbiology*, 4 – 7 July 2011, Dublin, Ireland.

PROFESSIONAL (STUDENT) MEMBERSHIPS

- Sfam (Society for Applied Microbiology), 2011-2014.
- BMS (British Mycological Society), 2011.
- BSPP (British Society for Plant Pathology), 2011-2013.
- IFST (Institute of Food Science and Technology), 2013.

PROFESSIONAL TRAINING COURSES ATTENDED

- Basic Laboratory Techniques (BLT) – induction module.
- Essential information skills in biosciences and veterinary medicine.
- Using posters to communicate research.
- Planning your research.
- Agresso Requisitioning (P2P) Training
- Simple Calculations in Excel.
- Post-genomics and bioinformatics.
- Biological Safety.
- New Research Workers Health and Safety Training.
- Producing Charts in Word, Excel and PowerPoint.
- Presentation Skills: Structure and Technique.
- Collaborating in Microsoft Word.
- Introduction to the skills of teamwork.
- Demonstrating in Laboratory Practical.
- Workspace Training.
- Bio-statistics.