

Dr.P.Sivamanikandan.M.Sc.,M.Phil., Ph.D



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Career Summary

Working as Assistant Professor in *Hajee Karutha Rowther Howdia College Uthamapalayam, since 2013. Conducting subject lectures and practical sessions regularly.*

Educational Qualification:

2013 -2019

Doctorate in Philosophy (Microbiology)

Bharathiar University – Coimbatore, Tamilnadu, India

2004-2005

Master of Philosophy (Microbiology) – 72.4 %

Bharathidasan University – Tiruchirappalli, Tamilnadu, India

2000-2002

Master of Science in Microbiology – 69 %

Jamal Mohammed College,

Bharathidasan University – Tiruchirappalli, Tamilnadu, India

1997-2000

Bachelor of Science in Microbiology – 63 %

Nadar Saraswathi Arts and Science College, Theni.

Madurai Kamaraj University – Madurai, Tamilnadu, India

Academic Experience:

- 2013 - Present** **Assistant Professor,**
*Department of Microbiology,
Hajee Karutha Rowther Howdia College
Uthamapalayam, Theni District, Tamilnadu, India.*
- 2012 - 2013** **Guest Lecturer**
*Annai Dora Nursing College,
Andipatty, Theni District, Tamilnadu, India.*
- 2007- 2011** **Senior Lecturer & Head of The Department,**
*Merit International Institute of Technology,
Ooty, Tamilnadu, India.*
- 2005- 2006** **Lecturer**
*Indian Academy of Para Medical Sciences
Theni, Tamilnadu, India.*

Professional Affiliation:

- 2016 - 2019** **Coordinator,**
*Community College, (Mushroom cultivation training unit)
Hajee Karutha Rowther Howdia College,
Uthamapalayam*
- 2013 -2019** **Consulting Microbiologist,**
*Nalam Multispecialty Hospital,
Theni, Tamilnadu, India.*

Key Skills :

Working experience in different subjects

- Industrial Microbiology
- Medical Microbiology
- Food Microbiology
- General Biotechnology
- Mushroom Technology
- Diagnostic Microbiology
- Soil and Agricultural Microbiology
- Environmental Microbiology
- Biochemical Techniques

Publications :

- **P. Sivamanikandan** and S.Ahmed John (2018). Assessment of bacteriological analysis of Mullaiperiyar river water in Theni district, Tamilnadu, India. *World Journal of Pharmaceutical Research*, 7(3): 761-776.
- **P.Sivamanikandan** and S.Ahmed john (2017). Assessing the Impact of Physico-Chemical and Bacteriological Analysis of Mullaiperiyar River Water in Theni District, Tamilnadu, India. *Imperial Journal of Interdisciplinary Research*, 3(2): 727 - 734.
- **P.Sivamanikandan** and S.Ahmed john (2016). Physical and chemical analysis of mullaiperiyar river water in Theni district, Tamilnadu, India. *International Journal of Current Microbiology and Applied Science*, 5(2): 173-180.
- **P.Sivamanikandan** and S.Ahmed john (2015). Impact of physico- chemical on bacterial population found in mullaiperiyar river water – Theni district. *African Journal of Microbiological Research*, Vol 9(1): 26-32

Training/Seminar/Workshop/ Conference

- Participated in the chairperson of the national conference entitled "Red and Green Biotechnology-2k20", conducted by the department of biotechnology, Theni College of Arts and Science, Veerapandi, Theni District held on 11-03-2020
- Participated in an oral presentation entitled "Physicochemical and bacteriological analysis of Mullaiperiyar river water" in National Seminar conducted by the Department of biotechnology, Theni College of Arts and Science, Veerapandi, Theni District held on 11.03.2020.
- Participated and Paper presented entitled "Physicochemical and bacteriological analysis of Surface water" in International Seminar conducted by Dhanalakshmi Srinivasan College of Arts and Science for women, Perambalur, Tamilnadu. India held on 15-02-2019.
- Participated in one-day National level seminar on "Motivation" at Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni District, Tamilnadu, India held on 02-01-2019.

- Attended a one-day international workshop programme on “Teaching and learning Pedagogy for Faculty” at Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni District, Tamilnadu, India held on 30-06-2018.
- Participated in one-day State level seminar on Bioentrepreneurship at Nadar Mahajana Sangam S.Vellaichamy Nadar College, Madurai, Tamilnadu, India held on 23-02-2018.

Massive Open Online Course (MOOC)

- Successfully completed A Massive open Online Course (MOOC) on “COVID -19: Pandemic” offered by RK University, Rajkot, India from 11-05-2020 to 15-05-2020

Online Faculty Development Program

- Participated in one week National Level Faculty Development Programme on “Transformation in Indian Education through New Education Policy- Challenges and Opportunities” Organised by Government First Grade College for Women, Balmatta, Mangaluru in association with St Aloysius College, Mangaluru and Under Paramarsh Scheme sponsored by UGC from 05-07-2021 to 11-07-2021
- Participated in the 9-Day National Level Online Faculty Development Program on “Foregrounding the Spectrum of Character Building in Modern Human Life” organized by Department of Humanities & Sciences from 25 -06-2021 to to 03 -06-2021.
- Participated in Three days Online Faculty Development Programme on “BIORESOURCES” organized by the Department of Microbiology, K.R.College Of Arts and Science- Kovilpatti- 628503, Tamil Nadu, India from 30-07-2020 to 01-08- 2020.
- Participated in the Webinar “**MASTERS DRIVE**” in the modules Classroom, Department & Campus management under Faculty Enrichment Programme series of CAREER CELL, Chennai. The Webinar was organized at A.V.V.M Sri Pushpam College (Autonomous), Poondi-613503, Thanjavur on 11-07- 2020, 13-

07- 2020 & 14- 07- 2020.

Online workshop

- Participated in the Online International Workshop on Food Safety and Food Biotechnology organized by School of Life Sciences (SLS), B.S. Abdur Rahman Crescent Institute of Science & Technology (BSACIST) in association with Hi Rise Food tech Lab to observe International Food Safety Day on 07-06- 2021.
- Participated in the “7 Days National workshop on NAAC : Seven Assessment Criteria for Accreditation” organized by Govt. Post Graduate College, Bilaspur, Rampur- 244921, Uttar Pradesh, India held on 02-08-2020 to 08-08-2020.
- Participated in three days virtual Workshop on “Aspects of Outcome Based Education and Use of software” organized by Department of Biotechnology, Sri Venkateswara College of engineering, Pennalur, Sriperumbudur-602117 Tamilnadu in association with vmedulife Software Services held on 06-08-2020 to 08-08-2020.
- Participated in an International Workshop on “ELT: Course Planning Tools for Hybrid Classroom Teaching and Learning” organized by CMS, Jain (Deemed-to-be University) Center For Management Studies, Bengaluru -560027, Karnataka, India on 11-07-2020.
- Participated the Three days National Level Workshop on “DNA Barcoding” organized by Department of Biotechnology, Islamiah College Vaniyambadi- 635752, Tamil Nadu, India on 24-05-2020 to 24-05-2020
- Participated in Online Workshop on “Scientific writing Journals” organized by Springer Nature on 15-05-2020

Online Conference

- Participated in the International Web Conference on “Innovative Technologies, Entrepreneurship Avenues, Livelihood Enhancement in Sustainable Management of Animal Farming” organized by the PG and Research Department of Zoology in collaboration with the Indian Science Congress Association, Dr.Ambedkar Government Arts College (Autonomous) Vysarpadi, Chennai-600039, Tamilnadu held on 03-08-2020 and 04-08-2020.
- Participated in one day international virtual conference on “Recent

trends in Plant Genetics and Genomics” Organized by: VIT School of Agricultural Innovations & Advanced Learning (VAIAL), Chennai-632014, Tamilnadu, India held on 07-07-2020.

- Participated in the International virtual conference on COVID- 19 “Recent Updates and Current Advances” organized by the Department of Microbiology, The American College, Madurai-625002, Tamilnadu, India held on 03-06-2020 and 04-06-2020.
- Participated one day International conference on “Pandemic Pedagogy in Higher Education of COVID -19” organized by Department of Education, Bharathiar University in association with Department of Education, Sikkim University, (A Central University), Gangtok, Sikkim, India on 13 -05-2020

Online International Webinar

- Participated in the International Webinar on “COVID-19: Current Status of Vaccine Development and Immunization” Jointly organized by Mangalore University and Microbiologists Society, India (MSI), Karnataka Chapter, held on 30-09- 2020.
- Participated in the International Webinar on Mushrooms-Nature’s Gift organized by the Department of Microbiology, K.R.College of Arts & Science, Kovilpatti -628503, Tamilnadu, India held on 24-07-2020.
- Participated in the International Webinar on "Trends in Microbiology" organized by the PG and Research Department of Microbiology, JJ . College of Arts of Science, Pudukkotai- 622422, Tamilnadu, India from 18-05-2020 to 20-05-2020.

Online Certificate Course

- Attended the National Level Online One Week Short Term Course on “ Plant Taxonomy” organized by Department of botany, Nizam College, Osmania University, Hyderabad- 500004, Telangana, India during 03 -08-2020 to 08-08-2020
- Attended the National Level Online One Week Short Term Course on “Green Audit” Organized by Department of Environmental Science, Osmania University and Environment Protection Training and Research Institute -(EPTRI), Hyderabad, Telangana, India held on 09- 08-2020 to 14- 08-2020

- Attended online interdisciplinary One week certificate course on “Bioinformatics” organized by Department of Zoology, Arulmigu Palaniandavar College of Arts College for women, Palani- 624601, Tamil Nadu, India from 25-07-2020 to 30-07-2020.
- Successfully completed the seven day Online Courses for "Aspirants of CSIR- NET in Life Science", organized by the PG and Research Department of Zoology, Jamal Mohammed College, Tiruchirappalli - 620020, Tamilnadu, india. 05 -05-2020 to 11-05-2020.
- Completed Online course on “Vermi culture and vermin compost Technique” was conducted by Arulmigu Palani Andavar Arts College of Women, Palani in association with Dr.N.NT Research Foundation on 11-05-2020 to 13-05-2020.

Online University Level Webinar

- Participated in “Two Day National Webinar on “Recent Advances in Wastewater Treatment” organized by Department of Environmental Sciences, Bharathiar University, Coimbatore - 641 046, Tamilnadu, India held on 21-07-2020 and 22- 07- 2020.
- Participated in the international webinar on "Past, Present and future trends in Vaccinology" organized by Madurai Kamaraj University, Madurai, Tamilnadu, India held on 20 -07-2020.
- Participated in the four days digital interaction series on the occasion of “World Environment Day 2020” Organized by ENVIS RP – Centre for Coastal Zone Management and Coastal Shelter Belt, Institute for Ocean Management, Anna University, Chennai and Ministry of Environment, Forest and Climate Change, Government of India from 02.06.2020 to 05.06.2020..
- Participated in the webinar organized by the Faculty of Science, Annamalai University in collaboration with ELSEVIER on “Basic Author Workshop Research Article Writing & Reference Management Using Mendeley” Annamalai University, Chidambaram- 608002, Tamil Nadu, India on 22-06-2020.
- Participated in the “E- Learning Program on Bioinformatics as Cartographic Tool in Drug Discovery”, Department of Bioinformatics, Alagappa University, Karaikudi- 630003, Tamilnadu, India, held on 19-

05-2020 to 30-05-2020

- Participated in the Faculty Development Program on "Current trends in Microbial Recrudescence" organized by Periyar University, Salem, Tamilnadu, India held on 21 -05-2020 and 22 -05-2020.
- Participated in the Webinar on "Understanding Drug Development Process: Application To Discovery Of COVID-19 Therapeutics" organized by Department of Chemistry, Indian Academy Degree College-Autonomous, Bangalore in collaboration with ELSEVIER , Bangalore- 560043, Karnataka . 15.05.2020.

Personal Details

Father's Name	:	S.PALANIVELU
Marital Status	:	Married
Nationality	:	INDIAN
Date of Birth	:	09-05-1980
Passport No	:	F0188757

Declaration

I hereby declare that the information furnished above are all true and correct to the best of my knowledge and belief.

(Dr. P. Sivamanikandan)