

## J.NITHYA KAMALAM

**Name: J. NITHYA KAMALAM**

**Designation: Assistant Professor**

**Department: BOTANY**

**Date of Joining: 04/07/2011**

**Phone with Extn. No: 0452 – 2530070 (232)**

**Email: [jnithyakamalam@gmail.com](mailto:jnithyakamalam@gmail.com)**



### **Educational Qualification:**

<b>Degree</b>	<b>College / University &amp; Place</b>	<b>Year Completed</b>
M.Tech	PRIST University, Tanjore.	May 2015
M.Phil.	ANJA College, Sivakasi Madurai Kamaraj University, Madurai	May 2010
M.Sc.	Madurai Kamaraj University, Madurai.	April 2009

### **Specialisation in Teaching:**

Plant Biochemistry, Plant Biotechnology.

### **Specialisation in Research:**

Plant Biochemistry & Molecular Biology, Nanotechnology

### **Other Work Experience:**

<b>Designation</b>	<b>Institution / Company</b>	<b>Year - From (month/year) To (month/year)</b>
Lecturer	Kalasalingam University, Arulmigu Kalasalingam College of Arts and Science, Krishnankoil.	June 2010 to April 2011

### **Administrative /Academic Position/s (held / currently holding):**

<b>Positions held / currently holding</b>	<b>Year - From (month/year) To month/year)</b>
Superintendent- Women's Hall	July 2011- October 2013
NAAC-Steering Committee Member- Criterion V-Student Support And Progression	
Student Christian Movement	2016-till date
Athletic and Anniversary Committee member	2012-till date
Service Learning Programme - Project Associate, Solid Waste Management	

### **Articles Published in International Journals:**

- ❖ Published a research article in *European Journal of Experimental Biology*, 2012, 2 (2):427-435 entitled “DNA amplification and characterization of pigment producing gene from *Monascus ruber*.”
- ❖ Published a research article in *Advances in Applied Science Research*, 2013, 4(1):188-194 entitled “Effects of pyrotechnic chemicals in digestive tract micro flora and proximate composition in fish *Oreochromis mossambicus*.”
- ❖ Published an article in *Roots International Journal of Multidisciplinary Researches*, 2017, 3(2): 103-106 entitled “Women can create an exceptional life in changing socio-economic context.” ISSN: 2349-8684. **(0.811)**

### **Articles Published in National Journals:**

- ❖ Published a Research Article entitled “Bactericidal activity of selected Leaf extracts” in Trends in Kalis Research, Vol.3.No.1,Nov 2008..ISSN 0974-701X

### **Conference / Seminar/Workshop (National /International) - Participation/Presentations**

- Participated in State Level Seminar on “*Opportunities and Challenges in the Emerging Spaces of Higher Education*” held on 4<sup>th</sup> September 2019 organised by Internal Quality Assurance Cell (IQAC) of Sri Meenakshi Government Arts College for Women, Madurai.
- Participated in UGC sponsored One Day National Seminar on “Plant Sciences in the Fourth Wave” organized by Department of Botany, Sri Meenakshi Government Arts College for Women, Madurai held on 14 February 2020.
- Presented a paper on “*Multi-omics data integration: A prelude to Systems Biology*” in the International Conference on Digital Transformation (ICDT-2020) organized by Department of Computer Science, The American College, Madurai held on 05 and 06 March 2020 at The American College, Madurai.
- Participated in National Conference on Quality Enhancement and Sustenance in Higher Education organised by Internal Quality Assurance Cell (IQAC) of The American College, Madurai held on 06 March 2020 at The American College, Madurai.
- Presented a paper on “*Solid waste Management: A Service Learning Experiment*” in the 5<sup>th</sup> International Eco-Conference on Greening the Globe for Sustainable Living (IEC-GGSL-2019) organized by Consortium of Higher Educational Institutions Under the Leadership of CSI SYNOD, Chennai held from 01-04 August 2019 at CSI Synod Centre, Chennai.

- Participated in National Workshop on “*Network Biology*” organised by DBT-BIF Centre, Department of Biotechnology, Lady Doak College, Madurai held on 27 and 28 February 2019 at Lady Doak College, Madurai.
- Presented a paper in National Symposium on Current Trends in Plant Sciences (NSCTPS18) organised by Department of Plant Biology and Plant Biotechnology, Madras Christian College (Autonomous), Chennai held on 22 and 23 February 2018.
- Presented a poster in National Conference on Recent Trends in Applied Perspectives of Plant Sciences (NCAPS-2018) organised by PG and Research Department of Botany, Pachaiyappa’s College, Chennai held on 27 and 28 February 2018.
- Participated in National Level Workshop on “*Research Projects, Funding Agencies and E- resources*” organised by Department of Zoology, SBK College, Aruppukottai sponsored by Tamil Nadu State Council for Science and Technology (TNSCST) & Indian Academic Researchers Association held on 29 July 2017.
- Presented a poster titled “*Synthesis of Zinc Oxide Nanoparticles and study of its Antibacterial activity*” in *Energy Fest 2017-Advanced technologies and innovations in Energy and Environment*” organised by School of Energy, Environment and natural resources, Madurai Kamaraj University, Madurai, held on 28 March 2017.
- Presented a paper entitled “*Women can create an exceptional life in changing socio-economic context*” in 2<sup>nd</sup> *International Conference on Women and Power-Challenges and Opportunities*” organised by the Centre for Gender Studies, The American College, Madurai held on 06 and 07 January 2017.
- Participated in One day lecture workshop on “*Biodiversity Conservation*” organized by Department of Biotechnology and Botany, Sri Kaliswari College, Sivakasi held on 23 January 2016.
- Participated in Faculty Development Programme on Time Management organised and headed by The American College in association with ICTACT, held on 29&30<sup>th</sup> March 2016.
- Participated in DBT Sponsored Conference on” *Community Microbial consortia and the human holobiont – implications of yet-un-culturable microorganisms in systemic health, disease and personalized medicine*” organised by Department of Immunology and Microbiology, The American College, Madurai, held on 7<sup>th</sup> and 8<sup>th</sup> December 2015.
- Participated in the National Conference on “*Women and Ecology*” organized by the Department of Ecological Concerns of Church of South India for the college lady teachers held on 14<sup>th</sup> and 15<sup>th</sup> May 2015 at CSI synod Centre, Chennai.
- Presented a poster titled “*Woman as a change agent and a catalyst in the changing socio-economic context*” in “*International Conference on Women Empowerment & Social Sciences*” organized by The American College, Madurai & International Multidisciplinary Research Foundation(IMRF) held on 05-07 March 2015.
- Presented a paper entitled “*Neurotoxic Risks of Nanoparticles on Blood Brain Barrier (BBB) in Two Day “International Conference on Nanotoxicology”*” organised by

Department of Chemistry and Biosciences, Srinivasa Ramanujan Centre, SASTRA University, Kumbakonam held on 14<sup>th</sup> and 15<sup>th</sup> February 2015.

- Participated in Two days “2<sup>nd</sup> Genetics Convention” Annual Symposium on “Sanger to New Generation Sequencing(NGS)-The Genomics Era” organised by Vision research Foundation, Chennai, sponsored by Indian Council of Medical Research, New Delhi, Department of Science and Technology and Department of Biotechnology held on 30 -31<sup>th</sup> January 2015
- Participated in one day “Workshop on Nanotechnology” organised by Department of Mechanical Engineering, Centre for Nano Science and Technology held at Mepco Schlenk Engineering College, Sivakasi held on 9<sup>th</sup> January 2015.
- Presented a paper entitled “Study on Wastewater management in Pulp and Paper industry” in the National Level Technical Symposium, CLAIRVOYANCE 2014, organised by Dept. of Civil Engineering, Infant Jesus College of Engineering and Technology on 19<sup>th</sup> September 2014.
- Participated in One Day National Workshop on “Geotechnical Aspects in Infrastructure Development” jointly organized by Dept. of Civil Engineering, Thiagarajar College of Engineering & Indian Geotechnical Society, Chennai Chapter held on 25<sup>th</sup> January 2014.
- Presented a poster on “Nanomedicine-A promising tool for Cancer Therapy” in National Conference on “Frontier Vistas in Modern Biotechnology (FVMBT 2013)” organised Department of Immunology and Microbiology, The American College, Madurai held on 12<sup>th</sup> December 2013 and published in conference proceedings with **ISBN 978-81-928661-0-9.**
- **Best oral paper award Second prize** for the paper entitled “Nanomedicine : A strategic intervention on Tuberculosis” in the National Seminar on Advances in Biotechnology and Biopharmaceutical Technology” organized by Mother Teresa Women’s University sponsored by Department of Science and Technology(DST)-CURIE, held on 6<sup>th</sup> March 2013.
- Participated in the National Seminar on “ Science, Religion and Society”, sponsored by Indian Institute of Science and Religion, Pune, jointly organized by Ilanthalir centre for Science, Society and Religion (ICSSR), Tiruchirapalli and the Department of Religion, Philosophy and Sociology, The American College, Madurai, held on 1<sup>st</sup> March 2013.
- Presented a Poster in “Nanoparticles for across the Blood Brain Barrier” in State Level Intercollegiate Seminar Programme in “Recent trends in Biotechnology” organized by the Department of Microbiology and Immunology of The American College, Madurai, held on 12<sup>th</sup> February 2012.
- Presented a Poster in “Metagenomics-the key to Uncultured Microbes” at the National “Symposium on Prospective Aspects of Microbial Biotechnology” organized by Standard Fireworks Rajaratnam College For Women, Sivakasi & sponsored by UGC(SERO),CSIR, New Delhi, Tamil Nadu, State council for Science & Technology and Board of Research in Nuclear Sciences, held on 30<sup>th</sup> July -1<sup>st</sup> August 2009.

- Participated in the Workshop on Hospital Laboratory- Health Care Cordon 2008, held on 7<sup>th</sup> January 2008 organised by Vadamalayan Institute of Paramedical Sciences of Vadamalayan Hospital, Madurai.
- Participated and presented a paper entitled “Genotoxic effect of Firework effluents in Fish *Catla catla*, *Labeo rohita* and *Cirrhinus mrigala*”, in Kalis Gleanings -2008, held on 27<sup>th</sup> September 2008 and published in Trends in Kalis Research.
- Participated in the Seminar on “Fundamentals of Drug Discovery Process and Clinical Research”, held on 6<sup>th</sup> September 2008 at Sri Krishna College of Arts and Science organized by Consortium Clinical Research Pvt.Ltd, Coimbatore.
- Presented a paper entitled “Tamacola” for *Innovators award* in Regional Students meet on Life Sciences organised by Society of United Life Sciences, India in Association with AGOGHTECH-Biosciences Forum of Sri Krishna Arts and Science College held on 6<sup>th</sup> September 2008 at Sri Krishna Arts and Science College, Coimbatore.
- **Best oral paper award** in Paper Presentation on “Energy Physics” on National Science Day Celebration 2008 conducted by Kalis-Raman Club, Sri Kaliswari College, Sivakasi., held on 28<sup>th</sup> February 2008.
- Participated in the Academy Sponsored Lecture workshop programme on “Pharmaceutical Chemistry & Drug Design” held on 11<sup>th</sup> and 12<sup>th</sup> February 2008 sponsored by Indian Academy of Sciences (IAS) Bangalore, Indian National Science Academy (INSA) New Delhi, National Academy of Sciences (NASA), Allahabad.
- Participated in National Science Day Exhibition “Popularization of Science” held on 3<sup>rd</sup> March 2007 organized by the Biovision, Department of Biotechnology, Sri Kaliswari College, Sivakasi.