

SRI SANKARA ARTS & SCIENCE COLLEGE**ENATHUR, KANCHIPURAM****STAFF PROFILE****DEPARTMENT OF MICROBIOLOGY**

1.	Name of the Staff	Dr. K. KAVITHA
2.	Designation	Assistant Professor
3.	Date of Joining	1st August 2005
4.	Mobile Number	7397545859
5.	E-Mail ID	<u>kaviswamy@gmail.com</u>
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., M.Phil., Ph.D. Qualified SET and NET
8.	Field of Specialization	Endophytic fungal metabolites, Bioinformatics
9.	Ph. D Thesis Title	Isolation and characterization of antibacterial compound produced by endophytic fungi <i>Aspergillus aculeatus</i> EF4 obtained from <i>Blumea riparia</i> leaves.
10.	Awarding University, Year of Award	University of Madras, April 2023

11.WORK EXPERIENCE (IN CHRONOLOGICAL ORDER):

S. No.	Name of the Institution	Designation	Period
1.	Sri Sankara Arts and Science college	Assistant Professor	2005 to till date

12. PUBLICATIONS:

WEB OF SCIENCE & SCOPUS INDEXED

- **Kuppuswamy Kavitha**, Udhayakumar Yuvaraj, Arumugam Rajalakshmi, Gopal Suresh, Manoharan Harini, Vadivel Prabakaran, Selvaraj Bharathi, Rengarajulu Puvanakrishnan, Balasubramanian Ramesh. **2025**. Antibacterial Activity, GC MS Analysis and *In Silico* Validation of Bioactive Compound from Endophytic Fungus *Lasiodiplodia pseudotheobromae* EF-9. **Chemistry & Biodiversity**, Volume 22, Issue 3 **Impact Factor- 2.3** Publisher- **Wiley**
- Rajalakshmi, M. Ramesh, R. Sai Thanga Abirami, **K. Kavitha**, G. Suresh, V. Prabakaran, R. Puvanakrishnan and B. Ramesh. **2024**. Discovery of antibacterial biogenic magnetosome nanoparticles from *Providencia* sp. MTBPRB-1: Screening, purification and characterization. **Journal of Biosciences**, Volume 49, Article number 54 **Impact Factor – 2.9**, Publisher- **Springer**.
- **K. Kavitha**, S. Bharathi, S. Kumaran, M. Ponmozhi and G. Suresh. **2024**. Exploration of phyto-beneficial traits of halophilic rhizobacteria isolated from the mangrove halophyte *Avicennia marina*, **Archives of Phytopathology and Plant Protection**. **Impact Factor – 1.0**, Publisher- **Taylor and Francis Ltd.**
- M.Harini, **K.Kavitha**, V.Prabakaran, A.Krithika, S.Dinesh, A.Rajalakshmi, G.Suresh, R.Puvanakrishnan and B.Ramesh. **2024**. Identification of apigenin-4'-glucoside as bacterial DNA gyrase inhibitor by QSAR modeling, molecular docking, DFT, molecular dynamics, and in vitro confirmation studies. **Journal of Molecular Modeling**, 30, 22. **Impact Factor – 2.2** Publisher- **Springer**.
- **Kuppuswamy Kavitha**, Selvaraj Bharathi, Arumugam Rajalakshmi, Manickam Ramesh, Perumal Padmini, Gopal Suresh, Veerasamy Guruchandran, Mani Prakash, Rengarajulu Puvanakrishnan, Balasubramanian Ramesh **2023**. Selenium nanoparticles stabilized by fungal chitosan with antibacterial activity – synthesis and characterization. **Particulate Science and Technology**, 1-13. **Impact Factor- 2.68** Publisher -**Taylor and Francis Ltd.**
- Elamaran Anjukam, Manickam Ramesh, Arumugam Rajalakshmi, **Kuppuswamy Kavitha**, Mani Prakash, Gopal Suresh, Rengarajulu Puvanakrishnan, Balasubramanian Ramesh **2023**. Molecular characterization of potent antibacterial compound 4-(3-methylazetidin-1-yl) pentan-2-ol from *Calophyllum inophyllum* seed oil. **Biocatalysis and Agricultural Biotechnology**. 47: 102617. **Impact Factor – 4** Publisher- **Elsevier**
- M. Ramesh, **K. Kavitha**, A. Rajalakshmi, E. Anjukam, V. Prabakaran, M. Prakash, R. Puvanakrishnan and B. Ramesh, **2022**. 4a-methyl-dodecahydro-1H-pyrrolo[3,4-b] quinoline-6-one produced by Endophytic Fungi *Aspergillus niger* E12 obtained from *Dodonaea viscosa* Plant Leaves as a Novel Antibacterial Compound. **Applied Biochemistry and Biotechnology**, **Impact Factor – 3.0** Publisher- **Springer**.
- A. Rajalakshmi, E. Anjukam, M. Ramesh, **K. Kavitha**, R. Puvanakrishnan and B. Ramesh, **2022**. A novel colorimetric estimating iron in magnetosomes of magnetotactic bacteria based on linear regression. **Archives of Microbiology**, 204:282. **Impact Factor – 2.8** Publisher- **Springer**.
- Arumugam Rajalakshmi, Manickam Ramesh, Ellappan Divya, **Kuppuswamy Kavitha**, Rengarajulu Puvanakrishnan, Balasubramanian Ramesh. **2021**. Production and characterization of naturally occurring antibacterial magnetite nanoparticles from magnetotactic *Bacillus* sp. MTB17. **J Appl Microbiology**. 00:1– 11. **Impact Factor – 4.0**, Publisher- **Wiley-Blackwell**

- C Deepa, G Suresh, P Devagi, A Kowsalya, **K. Kavitha**, B Ramesh. **2021**. Evaluation of the antibacterial activity of silver nanoparticles, doxycycline, collagen and their amalgamation – An *in vitro* study. **Materials Today: Proceedings**. Cite Score - 2.5, Publisher- Elsevier
- **Kuppuswamy Kavitha**, Subramaniam Sivakumar, Balasubramanian Ramesh. **2020** 1,2,4 triazolo[1,5-a] pyrimidin-7-ones as novel SARS-CoV-2 Main protease inhibitors: In silico screening and molecular dynamics simulation of potential COVID-19 drug candidates. **Biophysical chemistry** 267, 106478. **Impactor factor- 3.8** Publisher- Elsevier
- Balasubramanian Ramesh, Govindababu Kavitha, Sendurpandi Gokiladevi, Rajagopal K Balachandar, **Kuppuswamy Kavitha**, Akelayil C Gengadharan, Rengarajulu. **2020** Effect of Extremely Low Power Time-Varying Electromagnetic Field on Germination and Other Characteristics in Foxtail Millet (*Setaria italica*) Seeds. **Bioelectromagnetics** Vol.41 Issue-7 526-539. **Impactor factor- 1.9** Publisher- Wiley
- S. Balamurugan, B.Ramesh , **K.Kavitha** and V. Guruchandran. Design of novel microbial fuel cell and effect of humic acid on bioelectricity generation. **Asian Jr. of Microbiol. Biotech. Env. Sc.** Vol. 21 (February Suppl): **2019**: S269-S271.

OTHER PUBLICATIONS

- **K. Kavitha**, P. Aarthi, M. Mani **2022**. Endophytic fungi *Fusarium equiseti* EF2 isolated from *Leucas aspera*: A novel biocontrol agent against *Culex* sp., **International Journal of Life Science and Pharma Research**. Vol. 12(6), L107-117.
- **Kavitha Kuppuswamy**; Suganya Arumugam; Rani, Kuppusamy Umaa; Ramesh Balasubramaniyan, **2017**. Screening and Partial Purification of Hydroxamate Type Siderophore from *Pseudomonas* sp. *Int. J. Curr. Microbiol. App. Sci.* 6(9); 2380-2385.
- Vijayameena C, and **Kavitha K.**, Studies and Evaluation of Phytosynthetic Silver Nanoparticles against UTI Causing Pathogens, *International Journal of Current Biotechnology.*, **2013**,1(1):22-24.
- B.Ramesh, V.Prabakaran, **K.Kavitha**, G.Suresh, N.Ravichandran and G.Vijaiyansiva, **2010**. Antimicrobial peptide from *Euphyctis Hexadactylus* and its Efficacy against Plant Pathogens. *International Journal of Current Research*. 6: 14-17. **ISSN: 0975-833X**.
- B.Ramesh, **K.Kavitha**, G.Suresh, B.Usharani, N.Ravichandran and G.Vijaiyansiva, **2010**. Studies on distribution of biosurfactant producing bacteria in contaminated and undisturbed soils of Kanchipuram. *Australian Journal of Basic and Applied Sciences*. 4(9): 4429-4434. **ISSN 1991-8178**.
- S.Sivakumar, B.Ramesh, **K.Kavitha**, V.Gopalakrishnan and V. Kanniyappan, **2010**. Bitter Gourd (*Momordica charantia*) Peroxidase in decolorization of Dyes from Tannery Effluent. *Recent Research in Science and Technology*. 2(2): 49-53. **ISSN: 2076-5061**.
- G.Suresh, B.Ramesh, **K.Kavitha**, N.Ravichandran, A.Suresh, V.Gopalakrishnan and G. Vijaiyan Siva, **2010**. Preliminary screening of antibacterial compounds from Palar river basin flora. *Journal of Phytology*. 2(2):24-29. **ISSN: 2075-6240**,
- C.Vijayameena, V.Guruchandran, M.Janani, **K.Kavitha** and B.Ramesh, **2012**. Effect of Random mutagenesis on enhanced synthesis L-Asparaginase by *Fusarium solani*. *Microbiology newsletter*, 2 (2): 6-10. 2231-136X.
- **Kuppuswamy Kavitha** and Balasubramanian Ramesh, **2012**. Chitosan –A Wonder Material for Biomedical and Other Industrial Applications. *Bhamathi Microbiology newsletter*, 2 (1): 18-23. 2231-136X.

- **Kavitha, K.** and B.Ramesh, **2011**. Alkaliphiles and alkaline lipases: A new insight into an old enzyme. Bhamathi Microbiology newsletter, 1 (2): 15-18. ISSN: 2231-136X.

BOOK PUBLICATIONS:

Work shop manual - Workshop on Diagnostic microbiology in collaboration with Himedia – **ISBN-13: 978-6202081382** -LAP LAMBERT academic publishing.

BOOK CHAPTERS:

- **Fish Vaccines-** Health management for sustainable aquaculture – **CRC press Taylor and Francis Group-Chapter 4- Concepts and Types of Vaccines** page no- 49, **2023** Subramaniam Sivakumar, Panneerselvam Punniyakotti, **Kuppuswamy Kavitha**, and Panneerselvam Saravanan

NUCLEOTIDE DATABASE SEQUENCE PUBLISHED:

- **Kavitha,K.**, Logesh,A. and Ramesh,B. **2024**. Antibacterial activity of *Aspergillus niger* EF- 9 isolated from *Alstonia scholaris* **GenBank accession no: PP584576**
- **Kavitha,K.**, Deepika,S. and Ramesh,B. **2024**.Antibacterial activity of *Aspergillus terreus* EF-4 Isolated from *Barleria prionitis* **GenBank accession no: PP541578**
- **Kavitha,K.**, Chandrasekar,D. and Ramesh,B **2024**. Antibacterial activity of *Fusarium* sp isolated from *mimosa pudica*. **GenBank accession no: PP541576**
- **Kavitha,K.**, Rakesh,R. and Ramesh,B. **2024**. Antibacterial activity of *Fusarium equiseti* isolate EF-7 isolated from *Swertia chirata*, **GenBank accession no: PP541400**
- **Kavitha,K.**, Ramesh,M., Ramesh,B. and Prakash,M. **2022**. *Aspergillus aculeatus* isolate EF4 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank accession no: ON797441**
- **Kavitha,K.**, Thamaraiselvan,K., Manikandan,S., Kavitha,R. Ramesh,M., Prakash,M. and Ramesh,B.**2022**. Isolation and characterization of endophytic fungi EF-17-*Aspergillus oryzae* from plant leaf sample. **GenBank accession no: OM095430.1**
- **Kavitha,K** and Prakash,M.**2020** Isolation of endophytic fungi *Aspergillus niger* EF-6 from leaves of *Holoptelea integrifolia* and characterization of antibacterial bioactive compounds. **GenBank accession no MT793268.1**
- **Kavitha, K.**, Dinesh. S., Ramesh. M. and Ramesh. B.**2020**. Bio degradation of endocrine disrupter Benzyl Butyl Phthalate using *Klebsiella pasteurii* S-21. **GenBank accession no: MT162712**
- **Kavitha, K.**, Bhavithra. J., Ramesh. M. and Ramesh. B. **2020**. Isolation and characterization of Zinc solubilizing *Pseudomonas aeruginosa* strain ZNSB-13 from rhizosphere soil of groundnut plant. **GenBank accession no: MT162696**
- **Kavitha. K.**, Merlin Preetha. S., Ramesh. M. and Ramesh, B. **2020**.Isolation and Characterization of Black dye degrading *Bacillus amyloliquefaciens* strain DDB-10 from contaminated soil samples. **GenBank accession no: MT162458**
- **Kavitha, K.**, Thirumoorthy. R., Ramesh. M. and Ramesh. B. **2020**. Isolation and characterization of anti-bacterial compound from endophytic *Fusarium ambrosium* EFT-9. **GenBank accession no: MT179765**

- **Kavitha,K., Raghu,N., Ramesh,M. and Ramesh,B., 2019.** *Aspergillus* sp. isolate EF8 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank: MK738129.1**
- **Kavitha,K., Aarthi,P., Ramesh,M. and Ramesh,B., 2019.** *Fusarium equiseti* isolate EF-2 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank: MK733980.1**
- **Kavitha,K., Prakash,G., Ramesh,M. and Ramesh,B., 2018.** *Aspergillus* sp. strain EF-1 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank: MH064483.1.**
- **Kavitha,K., Yuvaraj,U., Ramesh,M. and Ramesh,B., 2018.** *Lasiodiplodia pseudotheobromae* strain CEF-9 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank: MH062942.1.**
- Ramesh,B., Divya,E., Ramesh,M., **Kavitha,K.** and Puvanakrishnan,R., **2018.** *Bacillus* sp. (in: Bacteria) strain MTB17 16S ribosomal RNA gene, partial sequence. **GenBank: MH062891.1.**
- Harshini Teja,S., Ramesh,M., **Kavitha,K.** and Ramesh,B., **2018.** *Aspergillus awamori* strain E6 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank: MH062890.1.**
- **Kavitha,K., Padmini,P., Tamilvannan,V., Suresh,G. and Ramesh,B., 2017.** *Aspergillus niger* strain SS4 small subunit ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. **GenBank: KY657577.1.**
- **Kavitha,K., Gomathy,M. and Ramesh,B., 2016.** Bacterium S13 AtzA (atzA) gene, partial cds. **GenBank: FJ907175.1.**
- **Kavitha,K., Saranya,V. and Ramesh,B., 2011.** *Bacillus licheniformis* strain AL5 16S ribosomal RNA gene, partial sequence. **GenBank: JF709975.1.**
- **Kavitha,K., Durga,G. and Ramesh,B., 2011.** *Bacillus subtilis* strain B5 16S ribosomal RNA gene, partial sequence. **GenBank: JF709974.1.**
- Venkatesan,R., **Kavitha,K.** and Ramesh,B., **2011.** *Streptomyces albidoflavus* strain AS-9 16S ribosomal RNA gene, partial sequence. **GenBank: JF738110.1.**
- **Kavitha,K., Sharmila,K., Sivakumar,S., Gopalakrishnan,V. and Ramesh,B.,2010.** *Bacillus subtilis* strain AL2 alkaline lipase-like gene, complete sequence. **GenBank: HM053975.1.**
- **Kavitha,K., Sharmila,K., Sivakumar,S., Gopalakrishnan,V. and Ramesh,B.,2010** *Bacillus subtilis* strain AL2 16S ribosomal RNA gene, partial sequence. **GenBank: HM053974.1.**
- Ramesh,B., Srinath,N., **Kavitha,K.,** Usharani,S. and Vijaiyan siva,G., **2010.** Bacterium VELCS-14 16S ribosomal RNA gene, partial sequence. **GenBank: EU625353.1**

13. MEMBERSHIP IN PROFESSIONAL BODIES:

- Life member – **Microbiologist society of India**, life membership number MS/LM/1297

- Associate Editor Bhamathi Microbiology News Letter, ISSN: 2231-136X from January 2011 Issue.
- Member board of studies, Department of Microbiology, Sri Sankara arts and college Enathur, 2015 to till date.

14. IMPROVEMENT OF PROFESSIONAL COMPETENCE:

- Completed a MOOC platform NPTEL course on **Research methodology** with **ELITE certificate (Feb- Apr 2024)** and completed the **Faculty Development Program** through NPTEL for the duration of **8 weeks (Feb- Apr 2024)**
- Completed UGC sponsored online 14th Guru Dakshta **Faculty induction program- 2023** with **Grade A** conducted by UGC- Human resource development center, University of Allahabad.
- Completed a MOOC platform NPTEL course on **Cell culture technologies** with **ELITE certificate (Jul-Sep 2021)** and completed the **Faculty Development Program** through NPTEL for the duration of **8 weeks (Jul- Sep 2021)**
- Completed a MOOC platform NPTEL course on **Bioenergetics of life processes** with a score of 77% (Feb- March 2020) for the duration of **4 weeks**.
- Completed a MOOC platform NPTEL course on **Functional Genomics** with **ELITE certificate (Aug-Sep 2019)** and completed the **Faculty Development Program** through NPTEL for the duration of **4 weeks (Aug- Sep 2019)**.
- Completed a MOOC platform NPTEL course on **Nanotechnology in agriculture** with **ELITE certificate (Aug-Sep 2018)** and completed the **Faculty Development Program** through NPTEL for the duration of **8 weeks (Aug- Sep 2018)**.

15. ONLINE CERTIFICATION PROGRAM.

- **Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19)** conducted by World health organization on April 10, 2020.
- **E-PROTECT Respiratory Infections (EN)** conducted by World health organization on April 22, 2020.

16. SEMINARS, CONFERENCES ORGANIZED /PARTICIPATION:

PRESENTATIONS

- Presented an **oral paper** entitled - Isolation and Characterization of Antibacterial Metabolites from EF4- *Aspergillus terreus*, an Endophytic Fungus of *Barleria prionitis* in an International conference on Interdisciplinary approaches in biological sciences for innovative research -ICIBIR 2024, on **27th September 2024** organised by PG & Research Department of Microbiology and Department of Biotechnology, Shrimathi Indira Gandhi College, Tiruchirapalli.
- Presented an **oral paper** entitled- Isolation and Characterization of Antibacterial Metabolites from *Fusarium equiseti* EF7, an Endophytic Fungus of *Swertia chirata* in an International conference on current trends in Biotechnology, held on **11th & 12th September 2024** organized by Department of Biotechnology, Stella Maris College, Chennai.
- Presented an **oral paper** entitled- Identification and Analysis of Antibacterial Agents from EF-5 Endophytic Fungi Extracted from *Ficus religiosa* in the National conference on Biotechnological

Advances in Biomedical, Environmental and Agricultural Technology, organized by the Department of Biotechnology on **13th February 2024**, Hindustan college of arts and science, Chennai.

- Presented an **oral paper** entitled- Unlocking Zinc Potential: The Impact of Zinc solubilising bacteria on Plant Development and Nutrient Absorption in the international conference on molecular basis of cancer and prevention held on **7th and 8th February 2024** organized by Department of life science, PRIST Deemed to be university, Thanjavur.
- Presented an **oral paper** entitled – Exploration and profiling of antibacterial agents from *Hamelia patens* in the National Conference on “Revolutionary Application of Nutraceuticals and Functional foods as Next- Generation Metabolites- A Biotechnological Approach via Sustainable Agriculture” held on **07th & 08th September, 2023** organized by Department of Biochemistry and Crop Physiology, SRM Institute of Science and Technology, Chennai.
- Presented an **oral paper** entitled- Isolation and characterization of antibacterial compound produced by *Aspergillus aculeatus* EF4-endophytic fungi obtained from plant leaves in the “International Conference on Applications of Natural Products Nanomaterials and Nano-pharmaceuticals (ICAN3)” held on **August 9 & 10, 2023** organized by School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.
- Presented an **oral paper** entitled- Screening and characterization of antibacterial compounds from the *Thespesia populnea* in the Two- days National Conference on “Biotechnology for sustainable agriculture and health care” held on **23rd – 24th March 2023** organized by School of Biotechnology, Madurai Kamaraj University, Madurai.
- Presented an **oral paper** entitled - Partial purification and chacterization of antibacterial compounds from endophytic fungi in the National e-Conference on “Bioprospecting of Marine derived metabolites for promising biotechnology applications: Current and future prospects” held on **29th to 31st December 2021** organized by Centre for Drug Discovery and Development, Col. Dr. Jeppiaar Research Park, Sathyabama Institute of Science and Technology, Chennai.
- Presented an **oral paper** entitled- Screening, partial purification and characterization of antibacterial compound from endophytic fungal strain EF-9 (ID/ABSD OP34) in the International E- Conference Applied Bioscience for sustainable development held on **3-4 September 2021** organized by Dept of Microbiology and Biochemistry, St. Pious X Degree & PG College, Hyderabad, Telangana.

ORGANIZED/ PARTICIPATED

S. No.	Program Attended	Place	Organized/ Participated	Period
1.	National seminar on marine natural products as pharmaceutical agents	Centre for ocean research. Sathyabama University	Participated	17 th &18 th September, 2019.

2.	International conference on “Contemporary praxis in Academics & Research: A multidisciplinary approach”	Asan Memorial college of arts and science	Participated	12 th October 2019.
3.	International conference on Recent advances in biomedical technology RABT 2018	Department of Biotechnology, Thiruvalluvar university Vellore	Participated	29-31 st august 2018.
4.	Recent Advances in Zebra Fish Immunology research: An ideal model For Human Health	Centre for Drug Discovery and Development, Satyabhama University.	Participated	20 th and 21 st September 2017.
5.	"Biomarkers in Clinical Research"	Dept. of Biochemistry, Sri Sankara Art and Science College, Kanchipuram	Participated	8 th March, 2017.
6.	“Bio entrepreneurship and Funding Opportunities”	Dept. of Biotechnology, Sri Sankara Art and Science College, Kanchipuram	Participated	8 th September, 2017.
7.	International Conference on Biotechnology and its applications in Aquaculture and Fisheries”	CAS Marine Biology, Annamalai University	Participated	23-25, August 2017.
8.	“International Conference on Recent Advances in Bioresource Technology”	Dept. of Biotechnology, Thiruvalluvar University, Vellore	Participated	15 th -17 th February 2017.
9.	National Conference on “Clinical Applications of Biomaterials”	Dept. of microbiology Sri Sankara arts and science college	Member, Organizing committee.	22 nd Feb, 2018.
10.	2 nd National Conference on “Frontiers in Translational Microbiology.	Dept. of microbiology Sri Sankara arts and science college	Member, Organizing committee.	28 th -29 th Jan 2016.
11.	1 st National Conference on “Frontiers in Translational Microbiology.	Dept. of microbiology Sri Sankara arts and science college	Member, Organizing committee.	8 th Jan 2015.

12.	“ELIXIR 2013” Science Exhibition for School Students.	Life Science Departments	Member, Organizing committee.	10-11 th Oct, 2013.
13.	“ELIXIR 2012” Science Exhibition for School Students.	Life Science Departments	Member, Organizing committee.	10-11 th Oct, 2012

17. PARTICIPATED AS RESOURCE PERSON:

S. No.	Program	Venue	Period
1.	Oncocon- 2019	Meenakshi medical college hospital & research Institute Enathur, Kanchipuram.	19 th October 2019
2.	National level workshop on Diagnostic microbiology in collaboration with Himedia laboratories	Sri Sankara arts and science college	25 th & 26 th September-2017.
3.	Value added milk and milk products- production and preservation” in Application of Science and technology in rural areas (ASTRA-2017) sponsored by Tamilnadu State council for Science and Technology	Kanchi Shri Krishna college of arts and science, Kanchipuram	18 th September 2017.

18. WORKSHOP & TRAINING PROGRAMS:

S. No.	Programs	Venue	Period
1.	Workshop on Structural analysis of nanomaterials	NPTEL- IIT Roorkee	15 th & 16 th March 2025
2.	Workshop on the art of writing winnable projects	Dept. of Biotechnology, Sri Sankara arts and science college. Kanchipuram	12 th July 2019
3.	Technical Writing and Publishing with Advanced Computer Tools: Hands-On Training	IIITDM Kancheepuram	8-9 September 2018
4.	Microscopy and Photomicrography	Dept. of Microbiology, D.G. Vaishnav College	27 September 2011