

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

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

**11.WORK EXPERIENCE (IN CHRONOLOGICAL ORDER):**

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

## 12. PUBLICATIONS:

### WEB OF SCIENCE & SCOPUS INDEXED

- M. Harini, A. Rajalakshmi, **K. Kavitha**, S. Harikumar, V. Guruchandran, R. Baskar, R. Puvanakrishnan and B. Ramesh. **2025**. Pentacyclo-icosan-19'-one compound from *Lawsonia inermis* as monkeypox virus H1 phosphatase inhibitor: molecular docking, density functional theory, and molecular dynamics simulation studies. **In Silico Pharmacology**, 13: Article No. 153. **Impact factor - 2.4** Publisher- **Springer**.
- Rajamanickam Baskar, Govindaraju Bharathkumar, Yovas Rajammal Manekshah, Sikkal Selvaraaju Selvapriya, Thangarasu Hema Devi, Selvaraj Bharathi, **Kuppuswamy Kavitha**, Arumugam Rajalakshmi and Balasubramanian Ramesh. **2025**. Acute and chronic toxicity study for Madhumukthi Kudineer Chooranum. **Protoplasma**, Volume 262, pages 1207–1214 **Impact Factor- 3.0**, Publisher- **Springer nature**
- **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. **Impact 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. **Impact 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 Balasubramanian, **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:

- **K. Kavitha** and B. Ramesh. **2026**. Antifungal agents from marine fungi. Developments in Applied Microbiology and Biotechnology, **Marine Microbiome and Microbial Bioprospecting**, Editor(s): M. Radhakrishnan et al., **Academic Press**, Pages 373-413, ISBN 9780443267710
- **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:

- Sathish kumar,D., **Kavitha,K.** and Ramesh,B, **2025**. *Rhizopus arrhizus* ENF-10 isolated from plant leaf sample. **GenBank accession no: PV364232**
- **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.** *Lasioidiplodia 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 **Experimental Nanobiotechnology** with **ELITE certificate (Feb- Mar 2025)** and completed the **Faculty Development Program** through NPTEL for the duration of **4 weeks (Feb- Mar 2025)**
- 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 14<sup>th</sup> 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 **27<sup>th</sup> September 2024** organised by PG & Research Department of Microbiology and Department of Biotechnology, Shrimathi Indira Gandhi College, Tiruchirappalli.
- 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 **11<sup>th</sup> & 12<sup>th</sup> 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 **13<sup>th</sup> 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 **7<sup>th</sup> and 8<sup>th</sup> 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 **07<sup>th</sup> & 08<sup>th</sup> 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 **23<sup>rd</sup> – 24<sup>th</sup> March 2023** organized by School of Biotechnology, Madurai Kamaraj University, Madurai.

- Presented an **oral paper** entitled - Partial purification and characterization 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 <sup>th</sup> &18 <sup>th</sup> September, 2019.
2.	International conference on “Contemporary praxis in Academics &Research: A multidisciplinary approach”	Asan Memorial college of arts and science	Participated	12 <sup>th</sup> October 2019.
3.	International conference on Recent advances in biomedical technology RABT 2018	Department of Biotechnology, Thiruvalluvar university Vellore	Participated	29-31 <sup>st</sup> august 2018.
4.	Recent Advances in Zebra Fish Immunology research: An ideal model For Human Health	Centre for Drug Discovery and Development, Sathyabama University.	Participated	20 <sup>th</sup> and 21 <sup>st</sup> September 2017.
5.	"Biomarkers in Clinical Research"	Dept. of Biochemistry, Sri Sankara Art and Science College, Kanchipuram	Participated	8 <sup>th</sup> March, 2017.
6.	“Bio entrepreneurship and Funding Opportunities”	Dept. of Biotechnology, Sri Sankara Art and Science College, Kanchipuram	Participated	8 <sup>th</sup> 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 <sup>th</sup> -17 <sup>th</sup> February 2017.
9.	National Conference on “Clinical Applications of Biomaterials”	Dept. of microbiology Sri Sankara arts and science college	Member, Organizing committee.	22 <sup>nd</sup> 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 <sup>th</sup> -29 <sup>th</sup> 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 <sup>th</sup> Jan 2015.
12.	“ELIXIR 2013” Science Exhibition for School Students.	Life Science Departments	Member, Organizing committee.	10-11 <sup>th</sup> Oct, 2013.
13.	“ELIXIR 2012” Science Exhibition for School Students.	Life Science Departments	Member, Organizing committee.	10-11 <sup>th</sup> Oct, 2012

#### 17. PARTICIPATED AS RESOURCE PERSON:

S. No.	Program	Venue	Period
1.	Oncocon- 2019	Meenakshi medical college hospital & research Institute Enathur, Kanchipuram.	19 <sup>th</sup> October 2019
2.	National level workshop on Diagnostic microbiology in collaboration with Himedia laboratories	Sri Sankara arts and science college	25 <sup>th</sup> & 26 <sup>th</sup> 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 <sup>th</sup> September 2017.

**18. WORKSHOP & TRAINING PROGRAMS:**

<b>S. No.</b>	<b>Programs</b>	<b>Venue</b>	<b>Period</b>
1.	Workshop on Structural analysis of nanomaterials	NPTEL- IIT Roorkee	15 <sup>th</sup> & 16 <sup>th</sup> March 2025
2.	Workshop on the art of writing winnable projects	Dept. of Biotechnology, Sri Sankara arts and science college. Kanchipuram	12 <sup>th</sup> 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