

Name : Dr. J. Devakumar .

Designation : Assistant Professor .

Department : Microbiology

Qualification : M.Sc., M.Phil., PGDBI, Ph.D.

Experience : Teaching: 7 Years Research: 10 Years

Area of Specialization(s) : Medical Microbiology and Natural Product Drug Discovery

Email (Official ID) : devakumar.j@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Microbiology	Bharathiar University	2018
M.Phil.	Microbiology	Bharathidasan University	2012
M.Sc.	Microbiology	Bharathidasan University	2010
B.Sc.	Microbiology	Thiruvalluvar University	2008

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
PGDBI	Bioinformatics	Bharathidasan University	2009
Certificate Course	Lead Auditor Course on Environment Management Systems, Green Campus Audit, Eco Audit, Hygiene Audit and Energy Audit	Nature Science Foundation, Coimbatore	2021

Research Guidance

Programme	No. of Scholars		Year of Registration
	Pursuing	Completed	
Ph.D.	02	-	

Reviewer in Research Journal

- Journal of complementary and Alternative Medical Research
- Asian Plant Research Journal
- European Journal of Nutrition & Food Safety

Book Chapter

1. Nivedha and **J. Devakumar**. 2020. Monoclonal Antibodies. Compendium of "Research insights of life Science Students" 2(1): 177-178. JPS Scientific Publication India. (ISBN - 978-81-947154-5-0).
2. **Devakumar Joseph** and Sudha Sivasubramanian. 2021. General Properties and Pharmacological benefits of *Syzygium jambos*. Advances in Pharmaceutical Sciences, 1(1): 77-83. JPS Scientific Publication India. (ISBN: 978-81-951323-7-9)".
3. B.Sindhuja, J.Rengaramanujam and **J. Devakumar**. 2021. Therapeutic Applications of *Achillea millefolium*. Therapeutic Applications of Potential Herbs, 1(1): 144-149. JPS Scientific Publication India. (ISBN: 978-81-951323-2-4).
4. B.Sindhuja, J.Rengaramanujam and **J. Devakumar**. 2021. Pharmacological Benefits of *Eleutherococcus senticosus*. Advances in Pharmaceutical Sciences 1(1): 58-66. JPS Scientific Publication India. (ISBN: 978-81-951323-7-9)".
5. Sivasangeeth V, Kaviya Prabha E, Sangavi T, Prakash M, Vishmitha M, Priyadharshini G P and **Devakumar J.** 2024. Host-Microbe interaction. Research in Microbiology, 11: 109-134. AkiNik Publications. ISBN: 978-93-6135-981-1
6. Rithanya. S and **Devakumar. J.** 2024. Bioprospecting and Biodiversity Conservation. Current Research on Bioprospecting and its Applications (Vol. II) : 279-287. Dr. N.G.P. Arts and Science College, Coimbatore-48, Tamil Nadu. SBN: 978-81-980173-4-5.

Research Publications (Indexed)

National & International

- ❖ Pradeesh.S, Darshan.M, Mythreyan.B, Aanandha kumar.G, A.M. Ramachandran, J.Rengaramanujam, **J.Devakumar**, R.Mahenthiran. Antimicrobial Property of *Thespesia Populnea* Root Extracts against Genitourinary Tract Infectious Pathogens. International Journal for Research in Applied Science & Engineering Technology, 13 (3): 2026-2067 (2025).
- ❖ Pradeesh S, Darshan M, Aanadha kumar G, Yuvashree S, Rengaramanujam J, Ramachandran A M, Karthick sundaram S, Devakumar J. Exploring the Anticancer Potential of phytochemicals: A Review. International Journal for Research in Applied Science & Engineering Technology, 13 (3): 2279-2288 (2025).

- ❖ Atchayaa R, Devakumar. J. Isolation and *in vitro* characterization of human hair dandruff causing microorganisms. *International Journal of Novel Research and Development*, 9(4): (2024).
- ❖ Keerthana P, Nivethitha M, Bharanipriya K, Kowsalya S and **Devakumar J**. Review- in vitro evaluation of the antibacterial and antifungal effect of *Zingiber officinale* mouth wash against pericoronitis disease. *Internatinal journal of creative Research Thughts*, 11(4):25-31 (2023).
- ❖ Ramachandran AM, Senthil Prabhu S, **Devakumar J**, Rengaramanujam J, Karthik Sundaram S, Mahenthiran R, Varsha TK. Hydrogel Formulation from *Calotropis gigantea* plant extract against foot ulcer causing bacteria in diabetes. *Asian J Pharm Clin Res*, 14(11):1-4 (2021).
- ❖ Jananirajam S, **Devakumar J**, Kiruthika R, Vaishali S and Pavithra K. Development of fungal consortium to degrade the Polyethylene polymer and Polystyrene. *International Journal of Progressive Research in Science and Engineering*, 2(7):38-46 (2021)
- ❖ Pavithra K, **Devakumar J**, Vaishali S, Jananirajam S, and Kiruthika R. Evaluate efficiency of Euphorbia triucalli L. against ear infection causing pathogens. *International Journal of Creative Research Thoughts*, 9(5): 722-728 (2021).
- ❖ Vaishali S, **Devakumar J**, Pavithra K, Jananirajam S, and Kiruthika R. Comparative study of Banana peel and black tea extracts against Periodontitis causing *Staphylococcus aureus*. *International Journal of Creative Research Thoughts*, 9(5): 714-721 (2021).
- ❖ **Devakumar Joseph**, Sindhuja Baskaran, Maduri Nagarajan, Sudha Sivasubramnian. Synthesis and characterization of silver nanoparticle from *Couroupita guianensis* leaf extract and its effect on clinical pathogens. *Asian J Pharm Clin Res*, 13, (10): 117-121 (2020).
- ❖ Mynumathi Maragatham, **Devakumar Joseph**. Larvicidal evaluation of aged and fresh leaf extract of *Solanum lycopersicum esculentum*. *International Journal of Mosquito Research*, 6(6):57-60 (2019).
- ❖ Sindhuja B, Rengaramanujam J, Sudha S S, **Devakumar J**. In vitro antibacterial and cytotoxicity evaluation of Aloe vera associated Endophytic fungi. *International Journal of Pharmacy and Biological Sciences*. 9 (3): 750-757 (2019).
- ❖ Kavitha V, Manonmani G, **Devakumar J**. Antimicrobial efficacy of fresh and dried banana peel extracts: An in vitro study. *Drug Invention Today*. 11 (5):1237 -1240 (2019).
- ❖ Mynumathi Murugesan, Kiruthika Balasubramani, **Devakumar Joseph**. Phytochemical, Antioxidant and Antimicrobial analysis of *Solanum lycopersicum esculentum* leaf extract. *International Journal of Pharmacy and Biological Sciences*. 8 (4): 1147-1152 (2018).
- ❖ Keerthana V, **Devakumar J**, Sudha S.S. Qualitative analysis of phytochemicals, antibacterial activity, and mycelial growth inhibition of three different plants. *Drug Invention Today*. 10 (S1):2713-2018 (2018).
- ❖ Rangasamy Dhanabalan, Subbu Balachandar, **Joseph Devakumar**. *In vitro* antifungal activity of *Pterocarpus marsupium* used among tribal communities of Western Ghats, Coimbatore, Tamil Nadu. *Journal of Pharmacy Research*, 12 (5) : 697-701 (2018).

- ❖ Rangasamy Dhanabalan, Subbu Balachandar, **Joseph Devakumar**, Babyraj Sreeraj, Jayasanker Nambiar Chandni. *In vivo* antiplasmodial activity of medicinal plants used in pyrexia among ethnic communities of Western Ghats, Coimbatore, Tamil Nadu. *Journal of Pharmacy Research*, 12 (4) : 541-553 (2018).
- ❖ **Devakumar. J**, Sudha S.S. In vivo antiplasmodial evaluation of *Syzygium jambos* L.Alston by four day suppressive test. *Drug Invention Today*, 9(2): 19-23 (2017).
- ❖ Keerthana veeramani, **Devakumar Joseph** and Sudha sivasubramaniam. Inhibition of fungal mycelial growth and spore germination by *Couroupita guianensis* leaf extracts and its preliminary phytochemical analysis. *Indian Journal of Applied Microbiology*, 20(1): 21-30 (2017).
- ❖ **Devakumar. J**, Sudha S.S. *In vitro* Phytochemical, Antioxidant and Cytotoxic evaluation of *Syzygium jambos* L. (Alston). *Journal of Pharmacy Research*, 11(3): 235-238 (2017).
- ❖ **Devakumar.J**, Keerthana.V, Sudha.S.S. Identification of bioactive compounds by GC-MS analysis of *Syzygium jambos* (L) collected from Western Ghats region Coimbatore, Tamil Nadu. *Asian J Pharm Clin Res*, 10(1):, 364-369 (2017).
- ❖ **Devakumar.J**, Sudha.S.S, Keerthana.V, Anitha.S and Ezhilarasi.R. A study on quantification of phytoconstituents and *in vitro* antifungal activity of *S.cumini* and *S.jambos* leaf extracts .WJPPS, 5(1): 1514-1526 (2015).
- ❖ Rangasamy Dhanabalan, Muthusamy Palaniswamy and **Joseph Devakumar**. *In vitro* antifungal activity of four folklore medicinal plants used among tribal community of Western Ghats, Coimbatore, Tamil Nadu. *Journal of pharmacy research*, 8(3); 416-419 (2014).
- ❖ Rangasamy Dhanabalan, Muthusamy Palaniswamy and **Joseph Devakumar**. A Study of Total Phenolic Content of *Tylophora indica* senescent leaf extracts and it's Correlation with *in vitro* DPPH scavenging activity. *Journal of pharmacy research*, 8(4); 448-451 (2014).
- ❖ Rangasamy Dhanabalan, Muthusamy Palaniswamy and **Joseph Devakumar**. Total polyphenol and flavonoid content of *Syzygium jambos* (L) Alston leaf extracts ant its *in vitro* DPPH radical scavenging activity. *Journal of pharmacy research*, 8(4); 493-496 (2014).
- ❖ Rangasamy Dhanabalan, Muthusamy Palaniswamy and **Joseph Devakumar**. *In vivo* antiplasmodial activity of four folklore medicinal plants used among tribal communities of western Ghats, Coimbatore, Tamil Nadu. *Journal of pharmacy research*, 8 (6); 751 – 759 (2014).
- ❖ Rangasamy Dhanabalan, Muthusamy Palaniswamy and **Joseph Devakumar**. *In vitro* cytotoxicity and anticancer activity of four folklore medicinal plants used among tribal communities of Western Ghats, Coimbatore, Tamil Nadu. *Drug Invention Today*, 6(2), 88-95 (2014).
- ❖ **Devakumar Joseph**, Madhanraj Pickirisamy. A study of Phytochemical, antioxidant and antibacterial activity of methanolic leaf extract of *Achyranthes aspera*. *South Asian Journal of Biological Sciences* 5(4): 1-5 (2015).

- ❖ **Devakumar.J** and Sudha.S.S. *In vitro* evaluation of phytochemical, antioxidant and antibacterial activity of *Argemone mexicana* leaf extract. *SIRJ-MBT*, Volume 1 Issue 4,,7-14 (2014).
- ❖ Thirumangai, S.S.Sudha, R.Karthic, **J.Devakumar**. In vitro evaluation of silver nanoparticle synthesized from actinomycetes isolated from Noyal river basin. *SIRJ-MBT*, Vol.2(6);7-15 (2015).

Conference proceedings

- ❖ Devakumar J. Microbial Degradation of Plastics. XIV Louis Pasteur International Symposium, **Role of Multidisciplinary Research in Microbiology for Sustainable Development (RMSD - 2023)**, Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore, published by Dr. N.G.P. Arts and Science College, 1:20. 978-81-962322-5-2.
- ❖ Devakumar J. Formulation of fungal media from agriculture waste (groundnut shell). XIV Louis Pasteur International Symposium, **Role of Multidisciplinary Research in Microbiology for Sustainable Development (RMSD -2023)**, Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore, published by Dr. N.G.P. Arts and Science College, 1:42. 978-81-962322-5-2.
- ❖ Devakumar J. Wound Healing Cream Preparation using Silver Nanoparticle from *B. Cereus* & *Aloe vera Extract*. XIV Louis Pasteur International Symposium, **Role of Multidisciplinary Research in Microbiology for Sustainable Development (RMSD -2023)**, Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore, published by Dr. N.G.P. Arts and Science College, 1:82. 978-81-962322-5-2.
- ❖ Devakumar J. Isolation and Molecular Characterization of Pectinase Producing Bacteria from Decayed Orange. XVI Louis Pasteur International Symposium, Novel Diagnostic And Drug Development Strategies for Infectious Diseases (NDID- 2024), **Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore, published by Dr. N.G.P. Arts and Science College, 1:63. 978-81-969836-7-3.**
- ❖ Devakumar J. Plastic Degradation by using Microbes. XVI Louis Pasteur International Symposium, Novel Diagnostic And Drug Development Strategies for Infectious Diseases (NDID- 2024), **Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore, published by Dr. N.G.P. Arts and Science College, 1:74. 978-81-969836-7-3.**
- ❖ Devakumar J. **Extraction of betacyanin from *Gomphrena globosa* flowers and evaluation as a pH Indicator**, XVIII Louis Pasteur National Seminar on Alternative Medicine for Combating Infectious Diseases (AMCID – 2025), **Department of Microbiology, Dr. N.G.P. Arts and**

Science College, Coimbatore, published by Dr. N.G.P. Arts and Science College, 1:18. 978-81-980173-3-8.

Consultancy

Nature of Consultancy	Client	Amount in Rs.	Completion Status
Antimicrobial evaluation of chemically synthesized compounds	Department of Chemistry, Kongunadu College of Arts and Science, Coimbatore	2,000	Completed
Enumeration of Microbes from soil sample	Prof. Malathi, GCT, Coimbatore	1,000	Completed
Antimicrobial evaluation of silver nanoparticle and plant extract	III B.Sc., Zoology, P.S.G.R. Krishnammal College for Women	10,000	<i>Completed</i>
Fundamental Training in Microbiology	III B.Sc., Zoology, P.S.G.R. Krishnammal College for Women.	18,500	<i>Completed</i>
Antibacterial assay	CDF, DR.N.G.P.ASC	1,200	<i>Completed</i>
Antibacterial assay	Dept. of Zoology, PSGR Krishnammal College for Women	1,250	<i>Completed</i>
Antibacterial assay	Dept. of Zoology, Govt. Arts College, Coimbatore	4,000	<i>Completed</i>
Antibacterial assay	Dept. of Chemistry, Dr. NGP IT, Coimbatore	2,000	<i>Completed</i>
Antibacterial assay	Mr. Prabhu Hindustan Engineering College	1,500	<i>Completed</i>
Enumeration of microbes from soil sample	Dept. of Zoology, GVG College, Udumalapet	6,000	<i>Completed</i>

Presentations in Conference

- ❖ Presented a paper in the one day national conference on **Application of AI in conservation and identification of the organisms** on the topic "**Application of AI in conservation**" organized by department of Zoology, Sri Sarada College for Women, Salem on 11.12.2024.
- ❖ Presented a paper in **International conference on Algae: Food, Feed, Fuels and fine Chemicals-ICA-F-23** on the topic "**Production of Biofuel from Microalgae – An alternative Resource**" organized by **National Repository for Microalgae and Cyanobacteria (NRMC)- Fresh water and Marine Divisions and Department of Microbiology, Bharathidasan University, Tiruchirappalli** (6th to 8th Sep. 2023).
- ❖ Presented a paper in **International Conference on Recent Innovations in Health & Biological Science (ICRIHBS2023)** on the topic "**Microplastics-an invisible threats to life forms**" at **PSG College of Arts and Science, Coimbatore** (14th & 15th July 2023).
- ❖ Presented a paper in **VIX Louis Pasteur International Symposium Role of Multidisciplinary Research in Microbiology for Sustainable Development (RMSD-2023)** on the topic "Bioremediation of heavy metals in Aquatic ecosystem by microbial consortium with *Eichhornia crassipes* extract" at Dr. N.G.P. Arts and Science College, Coimbatore. (March 9-10, 2023)
- ❖ Presented a paper in **DBT and SERB sponsored National conference of 16th IAAM- Human Microbiome in Personal Medicine- Bridging Humans and Microbes for Future Sustainability** on the topic of "**In silico evaluation of Ajmaline from *Syzygium jambos* as inhibitor of Plasmodium falciparum Lactate Dehydrogenase Enzyme**" at **JSS Academy of Higher Education and Research, Mysuru**. (27th & 28th Sep. 2018).
- ❖ Presented a paper in **SERB, DRDO, INSA and TNSCST sponsored 10th NABS National conference on Recent Trends in Life Sciences: Research, Practices and Application for Sustainable Development** on the topic of "**In silico evaluation of antimalarial agent from *Syzygium jambos* as inhibitors of Plasmodium falciparum Lactate Dehydrogenase (PfLDH) Enzyme**" at **Bharathiar University, Coimbatore**. (07th & 08th Sep. 2017).
- ❖ Presented a paper in **DBT and ICMR sponsored National conference of 14th IAAM- Transitional and Translational Scenarios in Biological Science** on the topic of "**In vivo early malarial parasite suppression activity of *Syzygium jambos* from Western Ghats region, Coimbatore**" at **Dr.N.G.P.Arts and Science College, Coimbatore**. (09th & 10th Sep. 2016).
- ❖ Presented paper on the topic of "**GC-MS analysis of phytoconstituents present in aqueous leaf extract of *Syzygium jambos***" in **DBT Sponsored National Seminar** on Production and application of microbial products in diverse sectors(PAMPDS-2016) at **Selvama arts and Science College, Namakkal** (6th& 7thApril 2016).

- ❖ Presented paper on the topic of “Extraction and Isolation of Alkaloid from *S.jambos* and its antipyretic activity in *in vivo* mice model” in **MARINA 2015** at Dr.N.G.P.Arts and Science College, Coimbatore, India (28th & 29th Dec 2015).
- ❖ Presented a paper in the **National conference of 13th IAAM Sustainability, Challenges and Advances in Biological Sciences** on the topic of “Extraction and Isolation of Alkaloid from *S.jambos* and its antifungal activity” at Muthayammal College of Arts and Science, Rasipuram, Namakkal. (18th & 19th Dec 2015).
- ❖ Presented paper on the topic of “*In vitro* antibacterial activity of alkaloid isolated from *S.jambos*” in **National conference on Role of Biopharmaceuticals in Achieving Health by 2020** held at Dr.N.G.P.Arts and Science College, Coimbatore, India (10th & 11th July 2015).

Participation in Conference

- ❖ Participated TNSCST sponsored two days national conference on Probiotics, Prebiotics, Postbiotics and Biofortification: The future of Human Health and Nutrition organized by Department of Biotechnology PSGR Krishnammal College for Women, Coimbatore on December 12 & 13, 2024.
- ❖ Participated DBT-CTEP sponsored two day International Conclave on Anti-Microbial Resistance organized by Centre of Excellence in Life Science, PSGR Krishnammal College for Women, Coimbatore on March 4-5, 2024.
- ❖ Participated in international conference on **Indian Rural Public Health and Non-Communicable Disease** organized by KMCH Research Foundation on 6th April 2019.
- ❖ Participated in national level conference on “Drug Discovery from Medicinal and Aromatic Plants” (DDMAP-20017)” at Karpagam University, Coimbatore (2nd & 3rd Feb. 2017).
- ❖ Presented poster presentation about “r- DNA TECHNOLOGY” at Meenaakshi Ramasamy College of arts & science, Thathanur.

Participation in Seminars

- ❖ Participated in national level seminar on “FUTURE PROSPECTS IN BIOLOGICAL RESEARCH” at St. Joseph College of arts & science, Cuddalore.
- ❖ Participated in national level seminar on “THE CHALLENGES AND PERSPECTIVE IN BIOTECHNOLOGY” at C.N. Govt. Arts College, Erode.

Participation in Workshop

- ❖ Attended DST – SERB Sponsored two days National Level Workshop on **Marine Macroalgae Laboratory Cultivation and Downstream Processing** organized by Department of Plant Science, Central University Kerala, Kerala on March 22 -23, 2024.
- ❖ Attended one day National level workshop cum Training Programme on **Polymerase Chain Reaction (PCR)** organized by National Institute of Food Technology, Entrepreneurship and Management, Thanjavur (NIFTEM-T) on 4th August 2023.
- ❖ Attended one day workshop on **Outcome Based Education (OBE)** organized by Dr. N.G.P. Arts and Science College and IPSR Solutions Limited on March 4, 2023.
- ❖ Attended two days online workshop on “**Techniques and Tools in Computer Aided Drug Design**” organized by Bioinformatics department, Nirmala College for Women, Coimbatore (9th & 10th Feb. 2023)
- ❖ Attended one week summer course cum workshop hands on training on “**Natural Product Chemistry: Isolation, Synthesis and Application**” conducted by MACS- Agharkar Research Institute, Pune (May 27-31, 2019).
- ❖ Attended DST-DAAD sponsored three days International Workshop on “**Health Risk Assessment of Nanoparticles**” organized by faculty of Basic and applied Science and Bioscience, Dr. N.G.P. Arts and Science College, Coimbatore. (5-7 December 2018).
- ❖ Attended DBT and British Council sponsored workshop on “**STEM Teacher Training Workshop on Research-Based Pedagogical Tool (Level 1)**” organized by COESME -IISER Pune with Sheffield Hallam University, UK. (28th Sep. to 1st Oct. 2018).
- ❖ Attended one day workshop on “**Analysis of Spectral data**” organized by Centre for Research, Dr.N.G.P.Arts and Science College, Coimbatore (30.01.2017).
- ❖ Attended two day **National workshop** on “**Phyto-Pharmacognostical Evaluation**” organized by Department of Biotechnology, School of Biotechnology and Health Sciences, Karunya University India (8th and 9th March.2016).
- ❖ Attended three day **National workshop** on “**Advanced Microbiological Diagnostic Methods**” conducted by Selvam College of Arts and Science College, Namakkal, India (7th to 9th Feb.2015).
- ❖ Attended three day **International workshop** on “**Computational techniques for wetlab data Analysis IWCWA-2015**” conducted by National College of Arts and Science College, Trichy, India (22nd to 24th Feb.2015).
- ❖ Attended in one day workshop on “**PRINCIPLE AND PRACTICE OF ADVANCED EPR SPECTROSCOPY**” at CECRI, Karaikudi.

Participation in Faculty Development Programme

- FDP on **Emerging Technologies in Bioprospecting for Health & Environment: Opportunities & Challenges** organized by the Departments of Biotechnology, Microbiology, Biochemistry and Nutrition & Dietetics, Vivekanandha Arts and Science College for Women, Sankagiri from 21.02.2025 to 27.02.2025.
- FDP on **Embracing Local Ecological Management and Environmental Norms through the Teachings of Sustainability via Pancha Bhoota and Indian Knowledge Systems(ELEMENTS-2024)** organized by Department of Microbiology, Rathinam of Arts and Science, Coimbatore under DBT Star College Scheme from 17.10.2024 to 23.10.2024.
- FDP on **Be A Branded Teacher in the Digital Era** organized by Shree Venkateshwara Arts and Science College associated with Department of Sociology, Bharathiar University Coimbatore from 15.12.23 to 21.12.2023.
- DST Sponsored FDP on **Entrepreneurship** at AMRITA, Coimbatore, Tamilnadu, from July- 17th to 29th, 2023.
- FDP on **Outcome Based Education** at Dr.N.G.P. Arts and Science College, Coimbatore, Tamilnadu, from June- 17th to 21st, 2023.
- FDP on **“Quality Measures in Higher Education”** at Dr.N.G.P. Arts and Science College, Coimbatore, Tamilnadu, from 3-Dec-18to 9-Dec-18.
- FDP on **“Research Methodology and Pedagogy for Tertiary Education”** at Dr.N.G.P. Arts and Science College, Coimbatore, Tamilnadu, from 15-June-21to 21-June-21.
- FDP on **“Quality Initiatives in Higher education”** at Dr.N.G.P. Arts and Science College, Coimbatore, Tamilnadu, 13-Apr-20 to 20-Apr-20.
- FDP on **“Research Methodology and Pedagogy for Tertiary Education”** at Dr.N.G.P. Arts and Science College, Coimbatore, Tamilnadu, from 15-June-21to 21-June-21.
- ATAL FDP on **“Drug Engineering through Bioprospecting”** at Dr.N.G.P. Arts and Science College, Coimbatore, Tamilnadu, from 12-Jul-21to 16-Jul-21.
- Attended seven days national-level FDP on **“Teaching and Learning Process in HEI’s”** organized by IOT Academy, Coimbatore from February 7-15, 2023.
- Attended 12 days online FDP on **“Entrepreneurship”** organized by Amrita Centre for Entrepreneurship, Amrita Deemed to be University, Coimbatore from 17th to 29th July 2023.

Conference / Seminar / Workshop Organized

- ❖ Organized **DST-SERB sponsored XVI Louis Pasteur National Seminar on “Novel Diagnostics and Drug Development Strategies for Infectious Disease”** at Dr. N.G.P. Arts and Science College, Coimbatore. (Feb. 22-23, 2024).
- ❖ Organized one day XV Louis Pasteur National Symposium on **Microbial Prospecting and Entrepreneurship (MPE-2023)** at Dr. N.G.P. Arts and Science College, Coimbatore. (Sep. 22, 2023).
- ❖ Organized two days international XIV Louis Pasteur Symposium on **Role of Multidisciplinary Research in Microbiology for Sustainable Development (RMSD-2023)** at Dr. N.G.P. Arts and Science College, Coimbatore. (March 9-10, 2023).
- ❖ Organized one day interdepartmental hands on training on **“Stereo and Inverted Phase contrast Microscope”** under DBT Star College Scheme on 21.12.2021 at Rathnavel Subramaniam College of Arts and Science, Sulur, Coimbatore.
- ❖ Organized one day Knowledge Exchange Programme on **“Beneficial Effects of Microbes & Applications of computer in Biology”** with **computer Science department** under DBT Star College Scheme on 29.12.2021 at Rathnavel Subramaniam College of Arts and Science, Sulur, Coimbatore.
- ❖ Workshop on **“Chromatography techniques”** under DBT Star College Scheme on 01.02.2020 to the Microbiology Students, Dr. N.G.P. Arts and Science College, Coimbatore.
- ❖ Organized workshop on “Mushroom Cultivation” to the Food and Nutrition students on 30th March 2022, RVS College of Arts and Science, Coimbatore.
- ❖ Organized workshop on “Mushroom Cultivation and Self Earning Skills” to the microbiology students and the general community people on 17th, 18th & 19th March 2022, RVS College of Arts and Science, Coimbatore.

Invited Speaker / Session Chair / Member Organizing Committee - Conference / Seminar /Workshop

- ❖ Resource person for the workshop on “NCCLS Based Antifungal Assay” on 21st and 22nd March 2022 to the Microbiology and biotechnology students, RVS College of Arts and Science, Coimbatore.
- ❖ Delivered a talk on the topic “Research at Undergraduates” on 26.02.2021 to the Microbiology Students, Bharathidasan College of Arts and Science, Erode.
- ❖ Resource person for the Workshop on “Microbiological Techniques” under DBT Star Scheme on 29.11.2018 to the Zoology Department Students, PSGR Krishnammal College for Women, Coimbatore.

Certificate Programs (Online/Offline)

- ❖ Completed online course on introduction to Artificial intelligence on May 2025 offered by Infosys springboard.
- ❖ Completed certificate course on **HACCP** Level 3 offered by Highfield approved Cosmos International Training Institute, Tiruttani from Oct 25th to 29th, 2024.
- ❖ NPTEL online certificate course on Microbial biotechnology from January to April 2025.
- ❖ Completed certificate course on **HACCP** Level 3 offered by Highfield approved AVT Academy for Professional Education, Tiruttani from Sep 25th to 29th, 2023.
- ❖ UGC-Approved Short-Term Professional Development Programme on Implementation of NEP-2020 for University and College Teachers held from December 21-31, 2022.
- ❖ Digital teaching Techniques, by ICT Academy, from 10th to 15th August 2020.
- ❖ NPTEL online certificate course on Cell Culture Technologies from Feb-Apr, 2020

Editorial / Review Board Member/Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Life member in “Indian Association of Applied Microbiologist	Life-time	-

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Best Paper presentation	15th Indian Association of Applied Microbiologists conference	2017
Young Researcher Award 2022	Institute of Researcher, Kerala	2022

MoU Signed

- ❖ MoU signed with Agaram biotech, Tirupur.