

About Dr. D. Jayarajan M.Sc., M.Phil., Ph.D, ISCA

Head, Dept of Medical Lab Technology

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Academic Qualification

Sl.No	Degree	Specialization	University/College	Year of Completion
1	D.Sc	Microbiology	Manipal International University, Manipal	Pursuing
2	Ph.D	Microbiology Highly commended	Bharathiar University, Coimbatore, Tamilnadu, South India	2017
3	M.Phil	Microbiology 73.6%	Bharathidasan University, Tiruchirapalli, Tamilnadu, South India	2007
4	M.Sc	Medical Lab Technology 74.1%	Chaudhary Charan Singh University, Meerut	2005
5	M.Sc	Microbiology 67.4%	Urumu Dhanalakshmi College, Trichy Bharathidasan University, Tiruchirapalli, Tamilnadu, South India	2003
6	B.Sc	Microbiology 59%	St.Josephs's College, Cuddalore Madras University, Tamilnadu, South India	2000

Total Teaching Experience (17+years)

Tennure – 2004 to till date

Research Experience (13+years)

Tennure – 2009 to till date

Area of interest

General Microbiology, Medical Microbiology, Medical biochemistry, Microbial Biotechnology, Medical Entomology, Molecular biology, Human & Microbial Physiology, Pharmacology & Community medicine

Responsibilities handled:

University Affiliations and other documentations, Syllabus framing, DQAC, IQAC, FDP, Internal / External Examinations and Student Counseling.

Academic Honors and Awards Received

1. **Academic Excellence Award for 2021** Presented by Research Educational Solutions(Registered as Micro Enterprise under MSME, Govt of India) Uttar Pradesh, India on 19th December 2021.
2. **Sardar Vallabhai Patel: The iron man of India;2021 Lifetime achievement National award for Innovations in Research** Organized by Universal Group of Institutions, Lalru, Chandigarh, Punjab in collaboration with IARDO and Conference World on 31st October 2021.
3. **Dr. Sarvepalli Radhakrishnan Best Teacher Award for 2021** – by Society for Learning Technologies, Recognized by Govt.of Andra Pradesh, Reg.No.186/2020 An ISO 9001-2015 Certified Organization, Prasadampadu,Vijayawada- 521108 on 5th September 2021.
4. **Received Best Paper Award** for paper entitled “**Dissemination of Pyocyanin pigment from clinical isolates of *Pseudomonas aeruginosa* and its antagonistic effect**” in **International Conference** on “**Current Immunological Tools for Biodiversity and Status of Environment Health**” Sponsored by Indian Council of Social Science Research(ICSSR) and Dept. of Biotechnology(DBT) conducted by Centre of advanced study in marine biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamilnadu on 21st to 23rd August 2019.
5. **Received Best Paper Award** for paper entitled “**Screening of Slime Production in MDR *Acinetobacter* sp from Environmental samples**” in National seminar on “**Biodiversity Products and Industrial Application(BPIA-2015)**” Conducted by **Centre for Biodiversity and Forest Studies (CBFS) Periyar University, Salem** on 28th and 29th September 2015.
6. **Received Best Paper Award** for paper entitled “**Prevalance of Slime Producing Multiple Antibiotic Resistance Serum Susceptible *Acinetobacter baumannii* in human sources**” in National seminar on “**Universal Panorama in Mastering Microbes**” Conducted by P.G.Research Dept. of Microbiology and Biotechnology, Sengunthar Arts and Science College, (Affiliated to Periyar University, Salem)Tiruchengode on 28th February 2014.
7. **Received Best Paper Award** for paper entitled “**MDR *Acinetobacter* – A new burden**” in UGC-SAP-DRS I sponsored National Seminar on “**Health And Medical Care Services Claims on National Resources**” Conducted by Dept. of Economics Annamalai University on 20th and 21st December 2012.
8. **Received Best Paper Award** for paper entitled “**Epidemiological Study and Classification of Drug Resistant infectious *Acinetobacter spp* isolated from Health Care Settings**” in DBT,CSIR, ICMR, TNSCST sponsored National “**Recent Advances in Biomedical Research on Infectious and Non-Infectious Diseases**” conducted by Dept. of Biomedical Science, Bharathidasan University on 13th and 14th October 2010

Patents Filled and Published

Sl.No	Patent Number	Title of the Patent	Date of Filing	Date of Publication
01	202141041799	Colpomenia Sinuosa Based Biosynthesized Nanoparticle Composition for Diabetes	16.09.2021	01.10.2021
02	202141041800	Colpomenia Sinuosa Based Biosynthesized Nanoparticle Composition for Anti-Tumor Activity	16.09.2021	01.10.2021
03	202141048602	Vaccine For Leptospirosis And Preparation Method For The Same	25.10.2021	05.11.2021
04	202141048604	Halymenia porphyroides based biosynthesized nanoparticle composition For antitumor activity	25.10.2021	05.11.2021
05	202141048605	Halymenia Porphyroides Based Biosynthesized Nanoparticle Composition For diabetes	25.10.2021	05.11.2021
06	202141054385	Halymenia Porphyroides Based Protein Interactive Nanoparticle Composition	25.11.2021	10.12.2021
07	202141054386	A Method To Extract Phytochemicals, Amino Acids, And Vitamins From Marine Seaweeds	25.11.2021	10.12.2021
08	353598-001	A smart desk device to monitor and analyze the productivity of the working staff by tracking activities and using IoT	24.11.2021	07.01.2022
09	353602-001	Water Body Purifying Floating Motor Pad	24.11.2021	07.01.2022
10	353915-001	Medicine expiry detector Device	29.11.2021	07.01.2022
11	353916-001	Nanotechnology based dipping system for water purification against bacteria	29.11.2021	21.01.2022
12	354383-001	Auto Medicine dosing system with Health monitoring	06.12.2021	11.02.2022
13	356423-001	Portable Torch with air quality tracking	10.01.2022	18.03.2022
14	360670-001	Portable disease identifying device using blood sample	15.03.2022	submitted
15	202241032937A	Adaptable Tillage System for Tractors and Method of Operation Thereof	09.06.2022	17.06.2022
16	202241038273	Biopolymer Composition for Anastomosis Devices and Its Preparation Method Thereof	04.07.2022	08.07.2022

Sequences deposited in Gene bank(NCBI, USA)

1. **Jayarajan,D., Vijayasimha,M., Bhat,S.A. and Ashrafdeen,P. 2021.** *Pseudoglutamicibacter cumminsii* strain SA1 16S ribosomal RNA gene, partial sequence **Gene bank ID: OK083705.1**
2. **Jayarajan,D., Bhat,S.A., Malinidevi,M. and Manimegalai,R.2021.** *Enterobacter cloacae* subsp. *cloacae* strain PS2_contig 16S ribosomal RNA gene, partial sequence **Gene bank ID: OK083683.1**
3. **Jayarajan,D., Bhat,S.A., Malinidevi,M. and Manimegalai,R.2021.** *Alcaligenes faecalis* subsp. *phenolicus* strain KB2_contig_1 16S ribosomal RNA gene, partialSequence. **Gene bank ID: OK083684.1**
4. **Jayarajan,D., Vijayasimha,M., Khan,J.R. and Veerabalan,V.2021.** *Alcaligenes faecalis* subsp. *parafaecalis* strain PS1 16S ribosomal RNA gene, partial Sequence. **Gene bank ID: OK083706.1**
5. **Jayarajan,D., Vijayasimha,M., Manimegalai,R. and Barkavi,M. 2021.** *Klebsiella quasipneumoniae* subsp. *quasipneumoniae* strain KB1 16S ribosomal RNA gene, partial sequence **Gene bank ID: OK083714.1**
6. **Jayarajan,D., Vijayasimha,M., Malinidevi,M. and Yuvarani,S.2021.** *Proteus mirabilis* strain PR2 16S ribosomal RNA gene, partial sequence **Gene bank ID: OK083716.1**
7. **Jayarajan,D., Lakshmi Prabha,D., Vijayasimha,M. and Vasanth,V. .2021.** *Proteus mirabilis* strain P1 16S ribosomal RNA gene, partial sequence **Gene bank ID: OK083680.1**
8. **Jayarajan ,D., Vijayasimha, M., Lakshmi Prabha, D. and Jayasuriya,J. 2021.** *Alcaligenes faecalis* subsp. *phenolicus* strain Af AB004 16S ribosomal RNA gene, partial sequence. **Gene bank ID: MZ049529**
9. **Jayarajan, D., Vijayasimha, M., Lakshmi Prabha,D. and Manikandan, K. 2021.** *Alcaligenes pakistanensis* strain Ap AB003 16S ribosomal RNA gene, partial sequence **Gene bank ID: MZ048017**
10. **Jayarajan, D., Vijayasimha, M., Lakshmi Prabha, D. and Syed Thajudeen, S. 2021.** *Klebsiella pneumoniae* subsp. *ozaenae* strain Kb AB001 16S ribosomal RNA gene, partial Sequence. **Gene bank ID: MZ047977**
11. **Jayarajan,D., Vijayasimha,M., Lakshmi Prabha,D. and Jayapriya,R. 2021.** *Stenotrophomonas maltophilia* strain Ps AB002 16S ribosomal RNA gene, partial sequence **Gene Bank ID: MZ048014**
12. **Jayarajan,D., Abirami,V., Lakshmi Prabha,D. and Subashkumar,R. 2021.** *Myroides xuanwuensis* strain MyAB006 16S ribosomal RNA gene, partial sequence. **Gene Bank ID: MZ049563**
13. **Jayarajan,D., Abirami,V., Lakshmi Prabha,D. and Subashkumar, R. 2021.** *Enterobacter sichuanensis* strain EsAB008 16S ribosomal RNA gene, partial sequence. **Gene Bank ID: MZ057941**

14. **Jayarajan,D., Abirami,V., Lakshmi Prabha,D. and Subashkumar, R. 2021.** *Achromobacter aloeverae* strain AcAB010 16S ribosomal RNA gene, partial sequence **Gene Bank ID: MZ057943**
15. **Jayarajan,D., Abirami,V., Lakshmi Prabha,D. and Subashkumar, R. 2021.** *Atlantibacter subterranea* strain SsAB009 16S ribosomal RNA gene, partial sequence. **Gene Bank ID: MZ057942**
16. **Jayarajan,D., Vijayasimha,M., Lakshmi Prabha,D. and Abirami,V. 2021.** *Klebsiella michiganensis* strain KmAB005 16S ribosomal RNA gene, partial sequence. **Gene Bank ID: MZ049530.**
17. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC01 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598324.**
18. **Jayarajan,D., Pradeepraj, R., Prabudeva,N and Harish, M.C. 2019.** *Pseudomonas otitidis* strain PsOT DMC1231 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK595791**
19. **Jayarajan,D., Pradeepraj, R and Harish, M.C. 2019.** *Achromobacter pulmonis* strain AchP DMC1233 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598325.**
20. **Jayarajan,D., Pradeepraj, R and Harish, M.C. 2019.** *Aeromonas caviae* strain ACDMC1234 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598326.**
21. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC02 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598327.**
22. **Jayarajan,D., Pradeepraj, R and Harish, M.C. 2019.** *Aeromonas caviae* strain ACDMC1235 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598328**
23. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas taiwanensis* strain PsTW DMC234 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598329**
24. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC03 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598330.**
25. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC04 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598331.**
26. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC05 16S ribosomal RNA gene, partial sequence. **Gene bank ID :**
27. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC06 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598332.**
28. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC07 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598333.**
29. **Jayarajan, D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC08 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598334**
30. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019.** *Aeromonas caviae* strain AcDMC1235 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598335**

31. **Jayarajan,D., Pradeepraj, R and Harish,M.C. 2019** *Pseudomonas mosselii* strain PsMDMC235 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598335**
32. **Jayarajan, D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC09 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598336**
33. **Jayarajan, D., Pradeepraj, R and Harish,M.C. 2019.** *Pseudomonas aeruginosa* strain PsADMC10 16S ribosomal RNA gene, partial sequence. **Gene bank ID : MK598337**
34. **Sivaranjini,A., Jayarajan, D. and Subashkumar,R. 2016.** *Pseudomonas aeruginosa* strain SRC123 16S ribosomal RNA gene, partial sequence. **Gene bank ID : KX881765.1.**

Academic Research carried out (PhD)

EPIDEMIOLOGICAL AND MOLECULAR TYPING OF MULTI DRUG RESISTANT VIRULENT ACINETOBACTER ISOLATED FROM CLINICAL HEALTH CARE SETTINGS

Citations

Google Citation indices	All	Since 2017
<u>Citations</u>	46	31
<u>h-index</u>	2	2
<u>i10-index</u>	2	2

(as on 2022)

Books Edited

Edited a book entitled “ **Contemporary Research in Environmental Science, Management, IT, Pharmaceutical and Social Sciences.**(2022) First Volume, **ISSBN: 978-93-92591-60-0**, Selfypage Developers Pvt Ltd., Housing board, Chikkamagaluru, Karnataka, India Paisley Circle, Novi, Michigan, USA.

Scientific Publications as Author and Co- author in International/National Journals

1. M Vijayasimha, Ashok Kumar, **D Jayarajan**, Sarita Kamath, P Y Kumar(2021). “Regular exercise in morning will balance internal metabolism avoiding many clinical diseases- A review” *Annals of the Romanian Society for Cell biology*. Vol.25, Issue.04, p .21180 -21187.(Scopus indexed)(Impact factor:0.1)

2. Muralikrishnan G. M. Vijayasimha **D. Jayarajan**(2021). “The popularity of Three Dimensional Organ Printing (3-d printing research Among Bio Medical Science Researchers in Indian -Hospitals- review” *European Journal of Biomedical and Pharmaceutical sciences* Vol. 8, Issue 8, p144-147. **SJIF Impact Factor 6.044. ISO 9001:2015 Certified International Journal. (ISSN 2349-8870)**
3. **D.Jayarajan** , V.Abirami (2021). “A Cohurt Study on Association and Inflammatory Markers of Cardio Metabolic Risk Factors In Pre And Post Menopausal Women” *Journal of Pharmaceutical and Biological Sciences*. Vol.9 Issue .2, p 112-115 (**ISSN 2320 -1924**)
4. M.Vijaya simha, **D.Jayarajan**, Reshma Khan (2021). “Ancient Indian Health Tonic To review Rejuvenate Health of an Adult Population –A review” *British Journal of Bio-Medical Research*. Vol.05, Issue.01, p 1485-1487 (DOI: <https://doi.org/10.24942/bjbm.2021.794>) (**Scopus/ Pubmed/ Web of Science/UGC indexed**) (**Impact Factor: 4.705**) (**ISSN:2456-9739**)
5. Muralikrishnan G. M. Vijayasimha **D. Jayarajan**(2021). “A simple and cheap diagnostic screening profile to detect corona Virus (covid 19) at the earlier than existing tests”. *European Journal of Biomedical and Pharmaceutical sciences* Vol. 8, Issue 6, p254-255. **SJIF Impact Factor 6.044. ISO 9001:2015 Certified International Journal. (ISSN 2349-8870)**
6. **D. Jayarajan**, V. Abirami, V.M.A.Dreviyaraj, V. Akashya (2020).” Evaluation of High Multiple Antibiotic Resistant Index and Virulent Factors among Clinical Strains of *Pseudomonas Aeruginosa*” *International Journal of Science and Research* Vol. 9, Issue 1, p 2598-603, (**SJIF.7.426**) **Research gate Impact factor 0.28** (DOI : 10.21275/ART20204037) (**ISSN: 2319-7064**)
7. R.Sagayaraj, T.Dhineshkumar, A.Prakash, S.Aravazhi, G.Chandrasekaran, , S.Sebastian, **D.Jayarajan**(2020) Fabrication, Microstructure, Morphological and Magnetic Properties of W-type ferrite by Co-precipitation method: Antibacterial activity. *Chemical Physics Letters*; **759** (2020) **137944** ;p1-10(Elsevier indexed) (**Impact factor.2.029**) (<https://doi.org/10.1016/j.cplett.2020.137944>).(ISSN: 0009-2614)
8. R.Pradeepraj, **D. Jayarajan**, M.C.Harish(2020). “Biofilm and Metalo beta-lactamase production in association with serum resistant activity among clinical strains of *Pseudomonas aeruginosa*” *International Journal of Pharmaceutical Sciences and Research*. Vol.11, Issue 2, p955-964. **Inclusion in Web of Science (Thomson Reuters) – ESCI.(DOI: 10.13040/IJPSR.0975-8232.11(2).955-64)(Impact factor.0.83)(ISSN: 2320-5148)**
9. **D.Jayarajan** , V.Abirami (2020). “Retrospective Study Of Biochemical Markers And Risk Factors In Obese And Non-Obese Adolescence” *International Journal of Basic and Applied Research in Biomedicine*. Vol.6, Issue.2, p 75-81. **Indexed in Publons, Academia,**
10. **D.Jayarajan** , V.Abirami (2020). “A Coherent study on urinary markers of gestational diabetes mellitus and non gestational diabetes mellitus”. *World journal of pharmacy and pharmaceutical sciences* Vol.9, Issue. 1 p1155-1161. (Impact Factor. **7.632**) (ICV.**84.65**) (**ISSN 2278 -4357**)

11. P.John Thomas, N.Soundharya, **D.Jayarajan**(2020). “Extended spectrum Beta Lactamase coding genes mediated resistance in Klebsiella pneumonia ” **BMC Infectious Diseases 2020, 20(Suppl 1):324**<https://doi.org/10.1186/s12879-020-05038-y>
12. **D.Jayarajan**, V.Abirami, V.Kanimozhi.(2019). “Dissemination of biochemical markers between saliva and serum samples of alcoholic patients”. *Journal of Emerging Technologies and Innovative Research*. Vol.6, Issue.6, p106-111.(UGC approved) (Impact Factor.5.87) (ISSN 2349-5162)
13. Pradeepraj.R, **D.Jayarajan**, M.C. Harish,(2019). “Efficacy of pyocyanin, Extended Spectrum Beta-Lactamase and HCN production in *Pseudomonas aeruginosa* in Clinical Settings- An Emerging Threat” *Journal of Emerging Technologies and Innovative Research*. Vol.6, Issue.6, p 494-508.(UGC approved) (Impact Factor.5.87) (ISSN 2349-5162)
14. **Jayarajan D**, Subashkumar, R Sylviarmy F, Silvan.S, Elumalai.EK. (2014). “Prevalance of Slime Producing Multiple Antibiotic Resistance Serum Susceptible *Acinetobacter baumannii* in human sources”. *World journal of pharmacy and pharmaceutical sciences* Vol.3, Issue.2 p1840-1854. (Impact Factor. 7.632) (ICV.84.65) (ISSN 2278 -4357)
15. **Jayarajan D**, Subashkumar, R Sylviarmy F, Silvan.S, Elumalai.EK. (2014). “Dissemination of Serum Resistant Multiple Antibiotic Resistant *Acinetobacter* sp in Clinical settings – a New Threat”. *European Journal of Academic Essays*.Vol.1, Issue.3 p 51-57. (Impact Factor. 2.49) (ISSN 2183-1904)
16. **Jayarajan D**, , Subashkumar, R. Sylviarmy F (2013) “Efficacy of *Carica papaya* and *Acalypha indica* against MDR *Acinetobacter* species isolated from health care settings”. *International Journal of Nutrition, Pharmacology, Neurological Diseases* October-December, Vol 3 Issue. 4 p 422-423.
17. S.Sebastian, S.Sylvestre, **D.Jayarajan**, M. Amalanathan, K. Oudayakumar, T.Gnanapoongothai, & T.Jayavarthanan (2012). “Molecular structure, Normal Coordinate Analysis, Harmonic Vibrational frequencies, Natural Bond Orbital, TD-DFT calculations and biological activity analysis of antioxidant drug 7-hydroxycoumarin”. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* (2012), p1-36(Impact Factor. 2.129) (ISSN 1386-1425)

Scientific paper in Book Chapter

1. Prevalence of drug resistant infectious *Acinetobacter* species in immunocompromised patients from health care settings. In: *Elderly: Health and Nutrition* (2012). **Jayarajan** , Sylviarmy F and Subashkumar R (Vijayanchali SS Ed) APH Publishing Corp. pp 51-61. (ISBN 978-93-313-1737-7)

Full length paper in Conference proceedings

2. V.Abirami, **D.Jayarajan** & M.Vallimalarselvi (2019). A study of Anthropometric Measurements and Biochemical Markers between Saliva and Serum Samples in Alcoholic Patients. Conference Proceedings of **International Conference on Integrative Nature of Life Sciences and its**

Challenges in Research Conducted by PG & Research Dept. of Biochemistry, Theivanai Ammal College for Women Villupuram, Thiruvalluvar University, Vellore (ISBN 978-93-5391-430-1).

3. V.Abirami, **D.Jayarajan**, A.Shafana Begum & V.Bhavadharani(2019). Estimation of Anthropometric Measurements and Biochemical Variation in Smokers and Non Smokers. Conference Proceedings of **International Conference on Integrative Nature of Life Sciences and its Challenges in Research** Conducted by PG & Research Dept. of Biochemistry, Theivanai Ammal College for Women Villupuram, Thiruvalluvar University, Vellore (ISBN 978-93-5391-430-1).

Conference Proceedings (Book abstracts) with ISBN

1. V.Rakchana , V.Abirami & **D.Jayarajan** (2019). **Association of Urinary Markers in GDM and Non GDM**. International Conference proceedings on “Integrative Nature of Life Sciences and its Challenges in Research” Conducted and Edited by PG & Research Dept. of Biochemistry, Theivanai Ammal College for Women Villupuram, Thiruvalluvar University, Vellore (ISBN 978-93-5391-430-1).
2. R.Jayapriya, B.Abirami & **D.Jayarajan**(2019). **Antibacterial Activity of Honey on Clinical isolates, isolated from wound sample**. International Conference proceedings on “Integrative Nature of Life Sciences and its Challenges in Research” Conducted and Edited by PG & Research Dept. of Biochemistry, Theivanai Ammal College for Women Villupuram, Thiruvalluvar University, Vellore (ISBN 978-93-5391-430-1).
3. P.Nandhini, R.Manimegalai & **D.Jayarajan**(2019). **Comparison of Red Blood Cells indices with Peripheral Blood Smear Examination among Adolescent Girls**. International Conference proceedings on “Integrative Nature of Life Sciences and its Challenges in Research” Conducted and Edited by PG & Research Dept. of Biochemistry, Theivanai Ammal College for Women Villupuram, Thiruvalluvar University, Vellore (ISBN 978-93-5391-430-1).
4. **D.Jayarajan**, V. Abirami, R. Pradeepraj and M.C.Harish,(2019) **Dissemination of pyocyanin pigment from clinical isolates of *Pseudomonas aeruginosa* and its antagonistic effect**. “Current immunological tools for biodiversity and status of environment health”. International Conference proceedings Sponsored by Indian council of social science research (ICSSR) and Department of biotechnology (DBT), Government of India, New Delhi. Centre of advanced study in marine biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamilnadu(ISBN No:2019-978-3-659-29407-5)
5. **Jayarajan D**, Pradeepraj R and Harish M.C (2019) **Silver nano particle synthesis in *Pseudomonas aeruginosa* and its antimicrobial activity against clinical pathogens**. “Recent Trends in Microbiology” Sponsored by RUSA Phase2.0 Scheme & INSA, organized and edited by Dept of Microbiology, Alagappa University (ISBN:978-93-88398-26-8)

6. **Jayarajan D** and Subashkumar, R (2018) **Serum Resistant *Acinetobacter Hemolyticus*- A new foe for Humans**. “Recent Trends in Microbiology” edited by Dept of Microbiology, Alagappa University and Published by Shanlax Publications, Madurai-625003(**ISBN:978-93-87102-50-7**)
7. **Jayarajan D**, Manimegalai, R and Subashkumar, R(2016) ***Acinetobacter lwoffii*- A missed pathogen in human environment**. “Perspectives and prospects in Aquatic Research” Published by Kongunadu Arts and Science College (Autonomous), Coimbatore- 641 029. Tamil Nadu. India (**ISBN : 978-93-5212-681-1**)
8. **D.Jayarajan**, R.Manimegalai and Selambarasi.G “Detection of slime production in *Pseudomonas aeruginosa* and its correlation in virulence” “Perspectives and prospects in Aquatic Research” Published by Kongunadu Arts and Science College (Autonomous), Coimbatore- 641 029. Tamil Nadu. India (**ISBN : 978-93-5212-681-1**).
9. **D.Jayarajan**, R.Manimegalai, P.Manikandan and N.Prabudeva, **Occurrence of β -hemolytic *Enterococcus faecalis* in undercooked food**“Perspectives and prospects in Aquatic Research” Published by Kongunadu Arts and Science College (Autonomous), Coimbatore- 641 029. Tamil Nadu. India (**ISBN : 978-93-5212-681-1**).

Professional Membership in Academic bodies

Life member in Indian Science Congress Association, Kolkatta-700017, India

Membership No: L21889

Editorial board Member/Reviewer in International Journals

1. Journal of International oral health. An international peer Reviewed Open Access Journal indexed in Pub med, Scopus and Web of Science. (**<https://www.journalonweb.com/jioh>**)
2. Journal of International Society of Preventive and Community Dentistry An international peer Reviewed Open Access Journal indexed in Pubmed, Scopus and Web of Science (**<http://www.jispcd.org>**)
3. Journal of Emerging Technologies and Innovative Research. An International Peer Reviewed Open Access Journal. ISSN: 2349-5162 (**Impact Factor 5.87**)(UGC Approved Journal)
4. World Journal of Pharmaceutical and Medical Research(WJPMR) An International Peer Reviewed Open Access Journal. ISSN: 2455-3301 (**Impact Factor 5.922**) ICV.78.6
5. International Journal of creative research thoughts. An International Peer Reviewed Open Access Journal. ISSN: 2320-2882 (**Impact Factor 5.97**)(UGC Approved Journal) Reviewer ID. 115348
6. International Journal Of Engineering Development And Research. An International Peer Reviewed Open Access Journal. ISSN: 2321-9939(**[Google Scholar Impact Factor- 7.37 \(Year 2020\)](#)**)

7. World Journal of Pharmacy and Pharmaceutical Sciences(wjpps) An International Peer Reviewed Open Access Journal. ISSN: 2278-4357(**Impact Factor 7.632**) ICV.84.65
8. European Journal of Clinical and Biomedical Sciences(EJCBS); ISSN: 2575-4998 (Print) ; ISSN: 2575-5005 (Online) Ref: EJCBS
9. American Journal of Life Sciences(AJLS). An international peer Reviewed Open Access Journal. ISSN: 2328-5702(Print) ISSN: 2328-5737(online)Ref: AJLS
10. International Journal of Nutrition and Food Sciences(IJNFS). An international peer Reviewed Open Access Journal. ISSN: 2327-2694 (Print) ISSN: 2327-2716 (online)Ref: IJNFS)
11. Journal of Innovations in Pharmaceutical and Biological Sciences- An International Peer reviewed Journal ISSN : 2395- 1095(Print) ISSN: 2349- 2759(On line)
12. Journal of Medical and Biological Science Research. ISSN: 2449-1810

Academic Events Organized

1. Organized a FDP on “**Therapeutic Applications of Human Pluripotent Stem Cells**” on 12th July 2021.
2. Organized a FDP on “**Recent Advances in Medical Diagnosis**” on 13th July 2021.

Invited Talks

1. Delivered a special lecture on “**Over view of New Techniques in Medical Laboratory Technology/Cardiovascular Technology**” in an Orientation Program Organized by School of Health Care, Rishihood University, Sonipet, Haryana on 4th October 2021.
2. Delivered a special lecture on “ **Medical Laboratory Scientist- Health Care Careers**” in DBT STAR College Scheme Sponsored Student Induction Program organized by Dept. of Biotechnology, Sri Ramakrishna College of Arts and Science(Autonomous) Coimbatore-641006 on 9th September 2021.
3. Delivered a special lecture on “ **Viral infections in the current scenario**” in DBT STAR College Scheme Sponsored National level webinar on **Integrative Biology : Perspective and Prospects** organized by Dept. of Biotechnology, Sri Ramakrishna College of Arts and Science(Autonomous) Coimbatore-641006 on 23rd January 2021.
4. Delivered a special lecture on “ **Emergence of Superbugs- Challenges in the current scenario**” in DBT STAR College Scheme Sponsored National Conference on **Frontiers in Biotechnology: An interdisciplinary Approach** organized by Dept. of Biotechnology, Sri Ramakrishna College of Arts and Science(Autonomous) Coimbatore-641006 on 24th February 2020

5. Delivered a special lecture on “**Recent Diseases and Health care Management**” in UGC –SAP Sponsored National Seminar on “**Environment Issue and Impacts on Marine Organisms and Strategies**” Conducted at Centre for Advanced study in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on 20th February 2019
6. Delivered a special lecture on “**Culture and Staining of Bacteria in connection with Foldscope**” conducted at Indira Gandhi Govt.High School, Katterikuppam, Puducherry-605502 on 04th September 2018
7. Delivered special lecture on “**Biochemical Pharmacology**” in “National Science day Celebration 2018” organized by Dept. Of Biochemistry, Idhaya College of Arts & Science, Puducherry-08 on 28th February 2018.
8. Delivered special lecture on “ *Acinetobacter heamolyticus*- **Genetically diversified sp in Human Environment**” in National Conference on “**Biomolecules and Metabolites**” Conducted by P.G and Research Dept of Biotechnology, Kongunadu Arts and Science College, Coimbatore-641029 on 23rd February 2017

Papers Presented in International Conference

1. Presented a paper entitled “**Effect of cigarette smoking on the serum levels of calcium and phosphate**” at International Conference on “Bioscience towards a sustainable future” organized and Conducted by Dept of Biotechnology, KSG College of Art and Science Coimbatore- -641015 on 12th February 2020.
2. Presented a paper entitled “**Silver nano particles synthesis in Pseudomonas aeruginosa and its antimicrobial activity against clinical pathogens**” at International conference on “Recent Trends in Microbiology”(RTM-2019) Organized and conducted by Dept of Microbiology, Alagappa University-630003 on 24th &25th Jan.2019
3. Presented a paper entitled “**Dna fragment and Cytotoxic assay of Pyocyanin pigment from clinical isolates of Pseudomonas aeruginosa**” at International conference, HETICON’18 on “The Role of Technology in Shaping Future Health Care” jointly organized by the Faculty of Medicine, Physiotherapy, Pharmacy, Nursing, Allied Health Sciences and Biotechnology, Dr.M.G.R Educational and Research Institute, Chennai and ACS Medical College & Hospital Velappanchavadi, Chennai-77 on 30th &31st October 2018
4. Presented a paper entitled “**Silver Nano Particle Synthesis in Proteus Species and Its Medical Application**” at International Seminar on “New Navigation System for Prostate Cancer Therapy” Organized by PG Dept. of Biotechnology, K.S.G College of Arts and Science, Coimbatore -641015 on 11th August 2018.

5. Presented a paper entitled “**Dissemination of *Pseudomonas* sp in synthesis of Silver Nano particles**” at International conference on “New Materials & Arid Land(ICNMAL-2018)” Organized and conducted by PG & Research Dept of Physics, St. Joseph’s College of Arts & Science, Cuddalore-001, in collaboration with International Desert Council, Japanese Association for Arid Land Studies and B.R.Ambedkar Bihar University, Muzaffarpur, Bihar on 15th & 16th March 2018.
6. Presented a paper entitled “**Serum Resistant *Acinetobacter Hemolyticus*- A new foe for Humans**” at International conference on “Recent Trends in Microbiology”(RTM-2018) Organized and conducted by Dept of Microbiology, Alagappa University-630003 on 11th & 12th Jan.2018
7. Presented a paper entitled “**Multi drug resistant *Acinetobacter haemolyticus* a new foe for all seasons**” at International conference on “Food, Energy and Water Microbiology” International conference Conducted by Dept of Microbiology, Periyar university, Salem on 21st to 23rd Dec. 2016.
8. Presented a paper entitled “**Efficacy of *Carica papaya* and *Acalypha indica* against MDR *Acinetobacter* species isolated from health care settings**” at DBT & ICMR Sponsored International conference on **Bioactive Phytochemicals and Therapeutics** – An International Conference Conducted by Dept.of Biochemistry and Biotechnology, Annamalai university on 5th to 7th April 2013.

Papers Presented in National/ Conferences/ Seminars/:

1. Presented a paper entitled “**Biofilm Production in *Acinetobacter* Sp and its correlation in Virulence**” at National conference on “**Reaching the Unreached Through science and Technology- Concepts, Principles and Application of Science and Technology for Nation Building**” Sponsored by Indian Science Congress Association, Kolkata , organized by Indian Science Congress Association, Coimbatore Chapter and conducted at Kongunadu Arts and Science College, Coimbatore on 9th to 12th Oct 2017.
2. Presented a paper entitled “***Acinetobacter lwoffii*- A missed pathogen in human environment**” at **National conference on “Perspectives and Prospects of Aquatic Research”** UGC, New Delhi, OSAI Ent.Organization, Coimbatore & READ TRUST New Delhi Sponsored National Conference Conducted by PG and Research Dept. of Zoology Kongunadu Arts & Science College (Autonomous)Coimbatore- 029 on 16th Feb 2016.
3. Presented a paper entitled “**Biocidal Effect of *Carica papaya* and *Acalypha indica* To Multi Drug Resistant *Acinetobacter baumannii***” at National conference on **Herbal Focus 2014 “Medicinal Plant Research – Prospectus & Challenges”** Conducted by SriMad Andavan Arts & Science College,(Bharathidasan University) Trichy on 13th & 14th Feb 2014.

4. Presented a paper entitled **“Efficacy of *Curcuma longa* against MDR *Acinetobacter* species isolated from health care settings.”** at ICMR and KVB Sponsored National level conference on **Herbal Focus 2013 “Medicinal Plant Research – Present Scenario** conducted by SriMad Andavan Arts & Science College, (Bharathidasan University), Trichy on 07th & 08th Feb 2013
5. Presented a paper entitled **“MDR *Acinetobacter* – A new burden To Nursing Community”** at **National conference on “Work Ethics in Nursing profession”** conducted by RAAK Nursing & Paramedical College, Puducherry(Pondicherry University) on 1st & 2nd Feb 2013
6. Presented a paper entitled **“Dissemination of Multi Drug Resistant *Acinetobacter*: An increasing threat in Hospitals”** at **Regional Science Congress on Science For Shaping the Future of India** organized by Indian Science Congress Association, Coimbatore Chapter and Kongunadu Arts and Science College, Coimbatore on 15th & 16th Dec 2012
7. Presented a paper entitled **“Prevalence of Drug Resistant Infectious *Acinetobacter* spp in Immunocompromised isolated from Health Care Settings”** at **UGC sponsored National conference on “Health , Nutrition and Elderly: Need for strategies and Intervention”** conducted by Dept.of Home Science, Gandhigram Rural Institute- Deemed University, Gandigram on 16th & 17th Dec 2011

International/ Seminars/Conferences /CME Participated:

1. **“International Science Symposium on “HIV & Infectious Diseases” Sponsored by DB T, International AIDS society, Conducted at Sri Ramachandra Institute of Higher Education and Research, Chennai on 12th -14th Oct.2019**
2. **Integrative nature of life science and its challenges in Research” DST-FIST Sponsored International conference conducted by Dept of Biochemistry, Theivanai Ammal College for Women(affiliated to Thiruvalluvar university, Vellore) on 6th September 2019.**
3. **Indian Council of Social Science Research(ICSSR) and Dept. of Biotechnology(DBT) Sponsored International Conference on “Current Immunological Tools for Biodiversity and Status of Environment Health”** conducted by Centre of advanced study in marine biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamilnadu on 21st to 23rd August 2019.
4. **“Bionanomaterials and Bionanotechnology(ICBB’18)”** organized by Dept of Biochemistry, St.Joseph’s College(Autonomous), Tiruchirapalli-6200028 on 8th Feb.2018
5. **“Strategies to Combat Antimicrobial Resistance”** WHO & MCI, Sponsored **International conference** Conducted by Dept of Microbiology, Mahatma Gandhi Medical College And Research Institute, Puducherry on 4th & 5th Nov 2011.

6. **International Congress on Nutrition in Cardiovascular Diseases (Healthy Heart'2010).** CSIR-ICMR sponsored **International conference** Conducted by the Dept of Biochemistry and Biotechnology, Annamalai University on 15th & 16th Nov 2010.

Faculty Development Program Organized

3. Participated in 5 days FDP on **“Research and Innovation in Paramedical and Allied Health Sciences”** organized by Dept of Paramedical and Allied Health Sciences, School of Medical and Allied Sciences & University Center for Research and Development, Galgotias University, Greater Noida, Uttar Pradesh from 22nd to 26th November 2021.
4. Participated in 5 days FDP on **“Beat Stress and Boost Happiness”** organized by Teerthanker Mahaveer University Moradabad conducted during 26th July to 30th July 2021.
5. International webinar and workshop on **“Experience the Cutting Edge Elsevier Tools To Pivot Your Research”** Organized by Dept. of Biotechnology, Karunya Institute of Technology and Science in Collaboration with Elsevier on 18th June 2020

Webinar Participated

1. **National webinar on “ Scientific writing for Good quality Journal Research papers”** organized by Teaching Learning Center and School of Engineering and Technology, Sharda University, Greater Noida on 6th September 2021
2. **National webinar on “ Basic to advanced guide on Thesis writing”** organized by the Research Graduate Company on 5th September 2021.
3. **Webinar on “ Turning a idea into Patent”** organized by Universal Intellectual Trust, Villupuram on 29th August 2021.
4. **Webinar on “ Plagiarism in Academic writing”** organized by Nuhianwali Education Society on 28th August 2021
5. **National webinar on “ Innovation, Incubation and Startup policies in India”** organized by Guru Nanak Centre for Research, Guru Nanak College(Autonomous), Nanak Salai, Velachery, Chennai – 42 on 27th August 2021
6. **National webinar on “ Plagiarism, Editing, Proof reading and Research Ethics”** organized by the Research Graduate Company on 22nd August 2021.

7. **National webinar on “ Research in Microbiology”** organized by PG & Research Dept of Microbiology, St. Joseph’s College of Arts & Sciences (Autonomous), Cuddalore- 607001 on 18th August 2021.
8. **National webinar on “ Laboratory Safety Practices”** organized by the Dept of Chemistry, School of Technology, Pandit Deendayal Energy University on 14th August 2021.
9. **National webinar on “ Recent Advances in Transgenic Animals –NARATA”** organized by P.G.& Research Dept of Zoology, Sri Theagaraya College, Chennai- 600021 on 30th July 2021.
10. International webinar on **“Recent Trends in Biomedical Sciences”** organized by PG & Research Department of Advanced Zoology and Biotechnology, Guru Nanak College (Autonomous), Guru Nanak Salai, Velachery, Chennai – 42 during 24th to 26th August.2020.
11. National webinar on **“Techniques in Molecular Biology: A Virtual Laboratory Insight”** organized by Dept of Genetics & Biotechnolgy, University College for Women,Koti, Hyderabad on 12th August.2020.
12. International Webinar on **“Microbial Ecology of Human Skin: From immunity to infection”** organized by P.G and Research Dept. of Zoology, Chikkaiah Naicker College, Erode, Tamilnadu. on 3rd August.2020
13. International Webinar on **“Therapeutic applications of Plant based inorganic nanoparticles: Current status and future perspectives”** organized by P.G and Research Dept. of Zoology, Chikkaiah Naicker College, Erode, Tamilnadu.on 29th July.2020.
14. National Webinar on **“Desert Locust Invasion in India”** organized by Dept of Zoology and Eco club of Kongunadu Arts and Science College, Coimbatore on 28th July.2020
15. National Webinar on**“Marine Research And Aquaculture”** organized by Department of Biotechnology, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Chennai,. Tamil Nadu during 22nd to 28th July 2020.
16. International Webinar On **Covid-19: Socio Cultural Implications & Path Ahead”** Organized By **Vidyasagar College Of Education**, Rupandighi, Phansidewa, Darjeeling, **West Bengal**, India-734434 On 7th, July, 2020
17. National webinar on **“Traditional Medicine Systems: their relevance and importance in Health care systems of Today and Tomorrow”** Sponsored by STRIDE-UGC, New Delhi and organized by **Transdisciplinary Research center, St. Andrew’s College, Gorakhpur, Uttar Pradesh** during 2nd and 3rd July 2020.
18. Webinar on **“Wellness During COVID-19”** organized by Department of Biotechnology, School of Bio and Chemical Engineering, Sathyabama Institute of Science and Technology, Tamil Nadu, India on 26th June 2020.
19. International webinar on **"Prevention & Control Of Vector Borne Diseases Amidst Covid-19"**organized by Surendranath College, Kolkatta -700009 on 24th June 2020.

20. International webinar on “**Basic Author Workshop Research Article Writing & Reference Management Using Mendeley**” Organized by Faculty of Science, Annamalai University in collaboration with Elsevier on 22nd June 2020
21. International web conference on “**Emergence of Alternative therapeutic to Contagious diseases**” organized by P.G. and Research Dept of Zoology, Sri Vasavi College, Erode during 11th & 12th June 2020.
22. Webinar on “**Environment and Health**” jointly organized in commemoration of WORLD ENVIRONMENT DAY 2020 by the Enviro Club and Department Zoology, St. Joseph’s College of Arts and Science Cuddalore on 5th June 2020
23. International Webinar conference on “**Facts and Perspectives of Integrative Biology**” organized by Dept. of Biotechnology, Sri Ramakrishna College of Arts and Science(Autonomous) Coimbatore-641006 during 2nd to 4th June, 2020.
24. Webinar on “**Mental Health and Managing Stress**” organized by Dept. of Biotechnology , KalaignarKarunanidhi Institute of Technology, Coimbatore on 28th May 2020
25. Webinar on “**Therapeutic approaches to breast cancer using amines**” organized by Sri Venkateswara College of Paramedical Sciences, Ariyur, Puducherry on 25th May 2020
26. Webinar on “**Application on Bioformatics in drug design-(COVID-19)**” organized by Dept. of Biotechnology , KalaignarKarunanidhi Institute of Technology, Coimbatore on 13th May 2020
27. Webinar on “**Bacterial Virulence: Perceptive and Pragmatic Approach**” Conducted by Department of Microbiology, Indian Academy Degree College-Autonomous, Bangalore, India on 5th May 2020

National / Seminars/ Conferences/CME Participated

1. **Emerging Trends in Biosciences** National Conference Conducted by P.G & Research Dept. Of Biochemistry, St. Joseph’s College of Arts and Science(Autonomous) Cuddalore on 29th March.2022
2. **CME on “Insulin Resistance- Revisited”** Organized and Conducted by Dept of Biochemistry, SRM Medical College Hospital and Research Centre, Potheri, Katankulathur, Tamilnadu-603203 on 3rd September 2021
3. **CME on “An Update on Laboratory Medicine MLTCON-2019”** Conducted by Sri Venkateswara College of Paramedical Sciences, Ariyur, Puducherry on 10th October 2019.

4. **CME on “Recent Advances in Laboratory Medicine” REALM’19** Conducted by College of MLT, Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry on 16th April 2019
5. **CME on “An Update on Laboratory Medicine MLTCON-2018”** Conducted by Sri Venkateswara College of Paramedical Sciences, Ariyur, Puducherry on 11th October 2018.
6. **CME on “Recent Advances in Laboratory Medicine” REALM’18** Conducted by College of MLT, Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry on 13th April 2018
7. **CME on “Metabolic Profile”** Conducted by Dept of Biochemistry & Medical Education, Sri Venkateswara Medical College & Research Centre, Ariyur, Puducherry on 6th April 2018.
8. **“Environment and occupational Health”** National conference conducted by PG & Research Dept of Biochemistry, St. Joseph’s College of Arts & Science (Autonomous) Cuddalore-01 on 9th Sept. 2017.
9. **CME on “ An Update on Laboratory Medicine” MLTCON-2017** Conducted by Sri Venkateshwara College of Paramedical Science, Ariyur, Puducherry on 26th April 2017
10. **CME on “Recent Advances in Laboratory Medicine” REALM’17** Conducted by College of MLT, Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry on 13th April 2017
11. **CME on “Translational Medicine in the Diagnosis and Management of Diabetes Mellitus”** organized by the Dept. Of Biochemistry, Mahatma Gandhi Medical College and Research Institute, Puduchery on 10th Nov. 2016
12. **CME on “Neuro Virology”** conducted by Dept of Microbiology, Sri Ramachandra University, Porur, Chennai on 5th Nov. 2016
13. **“Immune Response of Marine Fishes with Respect to Heavy Metal Pollution” DBT sponsored,** National Conference conducted by Centre of Advanced study in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on 5th & 6th August 2016
14. **CME on “Recent Advances in Laboratory Medicine” REALM’16** Conducted by College of MLT, Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry on 12th April 2016.
15. **Emerging Trends in Management of Infectious Diseases and Public Health (ETMIDPH-2016)”** National Conference Conducted by P.G & Research Dept. Of Biotechnology, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai-119 on 4th & 5th Feb. 2016
16. **CME Programme on “LABCON AGP”** conducted by A.G. Padmavati’s Hospital & Sindhuja Lab Services/ Advanced Blood Bank, Puducherry-110 on 13th Sep 2015
17. **“Current Advances in Immunology Research”** DBT sponsored National Symposium conducted by Centre of Advanced study in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on 7th & 8th August 2015

18. **“Metagenomics”** Tamilnadu State Council for Science and Technology sponsored National Seminar conducted by P.G & Research Dept. of Microbiology, St.Joseph’s College of Arts and Sciences(Autonomous), Cuddalore on 27th July 2015
19. **CME programme on “Modern Concepts in Clinical Nutrition”** organized by the Dept. Of Biochemistry, Mahatma Gandhi Medical College and Research Institute, Puduchery on 28th March 2015
20. **“BIOBIZZ ‘15”** State level seminar Conducted by P.G & Research Dept of Biotechnology, Kongunadu Arts and Science College, Coimbatore on 18th Feb2015
21. **AMBI MIDCON-2014”** South Zonal Conference of AMBI organized by Dept.of Biochemistry, Sri Manakula Vinayagar Medical College and Hospital, Puducherry on 7th June 2014
22. **CME programme on “Perspectives in Inborn Errors of Metabolism”** organized by the Dept. Of Biochemistry, Mahatma Gandhi Medical College and Research Institute, Puduchery on 24th Jan2012
23. **Diabetes Mellitus and Cancer (DIA- CAN’11)** UGC- SAP sponsored National conference Conducted by the Dept of Biochemistry and Biotechnology, Annamalai University on 17thDec 2011.
24. **CME programme on MICRO AIDS-2011 HIV/AIDS –AN UPDATE** organized by the Dept. Of Microbiology and Scientific Society of Sri Manakula Vinayagar Medical College and Hospital, Puducherry on 1st Dec 2011.
25. **National Conference on Diabetes Mellitus and Cancer (DIA- CAN’10)** UGC-SAP sponsored Conducted by the Dept of Biochemistry and Biotechnology, Annamalai University on 22nd Dec 2010
26. **“Scientific Validation of Medicinal Plants”** a National level seminar conducted by Dept of Microbiology, SriMad Andavan Arts & Science College,(Bharathidasan University), Trichy on 24th & 25th Jan 2009.

Training /Workshop/Camp Participated:

1. **“Online quiz –Awareness on Immunology 2020”** conducted by Dept. of Microbial Biotechnology, Bharathiar University, Coimbatore, Tamilnadu on 15th July 2020.
2. **“Workshop on Scientific Instruments”** conducted by Dept. of Chemistry and Biochemistry, Theivanai Ammal College for Women(Thiruvalluvar Univeristy), Villupuram on 14th February 2020.
3. **“Cryosectioning of Tissues from Sentinel marine organisms” Department of Science & Technology, Govt of India, New Delhi** (DST-PURSE) sponsored National level workshop Conducted at Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Parangipettai- 608502, Annamalai university on 27th December 2018.

4. Hands- on Training on “**Experimental Analysis of Biomolecules**” conducted by P.G & Research Dept of Biotechnology, Kongunadu Arts and Science College, Coimbatore- 29 on 4 -6th February 2016
5. “**Curriculum Designing in Microbiology**” National level work shop conducted by P.G& Research Dept. of Microbiology, St.Joseph’s College, Cuddalore on 18th and 19th February 2016
6. “**Bio Instrumentation**” one day Workshop conducted at Refsyn Biosciences Pvt. Ltd, Puducherry on 31st October 2014
7. “**Techniques in Clinical diagnostics**” one day Workshop conducted at Refsyn Biosciences Pvt. Ltd, Puducherry on 28th February 2013.
8. Hands- on Training on “**Metagenomic approach to identify bacterial pathogens and its virulence transcripts**” conducted by P.G & Research Dept of Biotechnology, Kongunadu Arts and Science College, Coimbatore on 5 -7th September 2012
9. “**Kidney Diseases awareness and detection camp**” conducted by Pondicherry Medical Mission, Hospital, Puducherry from 8th March to 12th March 2012.
10. “**Kidney Diseases awareness and detection camp**” conducted by Pondicherry Medical Mission, Hospital, Puducherry from 6th March to 12th March 2011.
11. “**Biotechniques and Analytical Instruments**” two days workshop conducted by P.G & Research Dept of Biotechnology, Kongunadu Arts and Science College, Coimbatore on 27th & 28th February 2010
12. “**Bio Medical Waste Management**” a State level workshop conducted by College Of Medical Laboratory Technology, Mother Theresa Post Graduate & Research Institute of Health Sciences, (Affiliated to Pondicherry University), On 14th October 2009.