



**Name** : Dr. G. Lalitha

**Department** : Biochemistry

**Designation** : Assistant Professor

**Qualification** : M.Sc., Ph.D

**Experience** : Teaching: 15 Years

**Specialization(s)**: Cancer biology, Medicinal plants, Clinical Biochemistry

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### Academic Qualifications

Degree	Course Name	College Name	Year of Pass Out
Ph.D	Biochemistry	Bharathiar University, Coimbatore	Jan 2026
PG	Biochemistry	Karpagam College of Arts and Science, Coimbatore (Bharathiar University)	April 2005
UG	Biochemistry	P.S.G. College of Arts and Science, Coimbatore (Bharathiar University)	April 2003

### Additional Qualifications

Diploma/Vocational/Certification	Area of Specialization	Institution /University /Agency Name	Year
Certificate course	Artificial Intelligence in Drug Discovery and development	NPTEL	Nov 2025
Research Scholar	Seed Technology , Department	Institute of Forest Genetics and Tree Breeding IFGTB, Coimbatore	2005- 2006
Certificate course in ADCA	Computer Applications	Spark Institute, Coimbatore	2002

### Research Publications

- Zinc Oxide Nanoparticles as Versatile Nanoplatforms: Design Principles, Functional Properties, and Application Pathways, Preprints.org journal, Feb 2026, pp.1-11.(Indexed in Google Scholar)
- Green Synthesis of Zinc Oxide Nanoparticles Using Basella Alba Leaf Extract: Enhanced Antimicrobial and Anti-Inflammatory Activities, STRAD RESEARCH journal, ISSN: 0039-

2049, Vol12.No.12, Dec 2025, 87-101. (Indexed in UGC Care – Group II)

- Titrimetric Assessment of Anti-urolithiatic Effects of Silver Nanoparticles Synthesized from *Elaeagnus conferta* Roxb Leaves, *Journal of Rare Cardiovascular Diseases*, Sep, 2025, ISSN: 2299-3711 (Print) | e-ISSN: 2300-5505 (Online), pp777- 783. (Indexed in Scopus)
- Mushroom-Derived Chitosan–Copper Oxide Nanoparticle Hydrogel: A Multifunctional Biomaterial for Biomedical and Environmental Applications, *Journal of Rare Cardiovascular Diseases*, Sep 2025, ISSN: 2299-3711 (Print) | e-ISSN: 2300-5505 (Online), pp.679-687. (Indexed in Scopus)
- Economical Considerations On Biodegradable Plastics By Using *Lagenaria Siceraria* (Calabash): A Research, *IJCRT*, Vol. 13 No. 3 Issue, pp.96-100, March 2025, ISSN: 2320-2882. (Indexed in GOOGLE SCHOLAR)
- Algal Bio-Mulch : A Comprehensive Review On Production, Characterization and Applications in Sustainable Agriculture, *IJSREM*, Vol. 9 No. 3 Issue, pp.1-5, March – 2025, ISSN: 2582-3930 (Indexed in GOOGLE SCHOLAR)
- In silico based screening employed to assess the activity of phytochemical, synthetic and marine compounds on the SARS-COV- 2 main protease, *Indian Drugs journal*, 2024, ISSN : 0019-462X (Print) Vol No. 61, Issue 7, pp23-33 (Indexed in Scopus)
- Assessing of soil salinity in erode district: leveraging IoT Technology for textile effluent monitoring, *Goya Journal*, Vol 16, Issue 10, 2023, ISSN NO 0017 – 2715, pg.8-15 (Indexed in Scopus)
- Preparatory activities plant species on *Elaeagnus multiflora* thunb and *Elaeagnus conferta* roxb – A REVIEW – *High Technology Letters* Vol.29, issue 2, Feb 2023 (Indexed in Scopus, UGC)
- Cytotoxicity study and insilico approach of lucenin2, Myo-inositol,  $\alpha$ - D mannofuranoside isolated from *Elaeagnus Conferta* Roxb leaves, *Journal of Xidian University*, Vol.16, Issue 4, ISSN No: 1001-2400 April 2022 (Indexed in Scopus, UGC -Group II).
- Mechanism underlying the inhibitory effect of *Elaeagnus Conferta* Roxb on TNF-  $\alpha$  induced NF-  $\kappa$ B nuclear translocation in non- small lung cancer A549 cell line using Flow cytometry, *International Journal of Pharma Sciences and Research*, Vol.11 No.11, Nov 2020, 1-9. (Indexed in Research gate)
- In vitro Antioxidant activity and Fourier Transform Infrared Analysis of *Elaeagnus Conferta* Roxb. Leaf extract, *Asian Journal of Pharmaceutical and clinical research*, Vol 13, Issue 4, 2020, 50- 53. (Indexed in Elsevier EMBASE & EMBSCO)
- Molecular docking analysis of phytochemicals from ethanolic extract of *crescentia cujete* with the auto inhibited parkin catalytic domain, *Bioinformation* 16(2): 189-195 (2020), DOI: 10.6026/97320630016189 (Indexed in Web of Science)
- GC-MS analysis of bioactive components on the leaves extract of *Elaeagnus conferta* roxb- *International Research Journal of Pharmacy*, 2019, 10 (4): 83- 89. (Indexed in EMBASE)

- Phytochemical Screening and GC-MS Analysis of Bio-Active Compounds in Ethanol Extract of *Crescentia cujete* Leaves- International journal of Pharmacy and Biological Sciences 2019; 9(3): 58-63.(Indexed in Google Scholar)
- Phytochemical screening and evaluation of antimicrobial activity, antioxidant activity, anticoagulant activity of leaves of *Andrographis paniculata*- International journal of Pharma and Biosciences, 2015,6(2),475-484. (Indexed in Google Scholar/Research Gate)
- Cytotoxic effect of green synthesized silver nanoparticles using *Indigofera longiracemosa* on skin cancer skmel- 28 cell lines. International journal of preclinical and Pharmaceutical Research, 2015, 6(3), e- ISSN 2249- 7552.(Indexed in Google Scholar)
- Evaluation of phytochemical screening and extraction of lycopene from *Citrullus lanatus* by using Column Chromatography - International Journal of Phytopharmacy, 2015, 5(4) 2277-2928. (Indexed in Research Gate)
- Phytochemistry, GC MS analysis and Invitro cytotoxic activity of *Prunus Angustifolia* leaves against MCF -7 Breast cancer cell line. World journal of Pharmacy and Pharmaceutical science, 2015,4(10), 1489-1499.
- Pretreatments used for fruit biomass peel residue to yield ethanol production – Recent Research in Science and Technology, 2011, 3(11):87-90 ISSN 2076-5061. (Indexed in Google Scholar)
- Use of Fruit Biomass Peel Residue for Ethanol Production – International Journal of Pharma and Biosciences vol 2/ Issue 2/ Apr- Jun 2011. pp 15-23. (Indexed in Research Gate/Google scholar)
- Production of Ethanol From Fruit Biomass Peel Using Immobilized *Trichoderma Viridae* Cells – Online Journal of Biotechnology Research Volume 2 Issue 2 pp.65-67, September- November 2010
- Biosorption of Synthetic Dye Using Dead Fungal Biomass – Journal of Advanced Biotechnology Volume 10, Issue 3, pp.36-38, September 2010. ISSN:0973-0109.
- Antioxidant and Antibacterial activity of *Panchagavya* – Journal of Herbal Science and Technology Volume 6 pp.15- 17, April 2010.
- Phytochemical Screening of the *Plumeria rubra* and their Antioxidant Activities– Journal of Herbal Science and Technology Volume pp.14- 17, September 2010.
- Antimicrobial Activity and Preliminary Phytochemical screening of *Allium cepa*, *Allium sativum* and Citrus lemon – Journal of Medicinal Food Plants volume 1 (2) pp. 11-15, July – December 2009, ISSN 1947 - 3710.
- Hypoglycemic effect of *Basella rubra* streptozotocin-induced diabetic albino. Journal of Pharmacognosy and Phytotherapy volume 1 (2) , 025-030, August 2009 Academic Journal.

## Book Chapter

Advancing Gene Therapy: The Transformative Role of Nanotechnology in CRISPR-Cas9 Delivery and Applications, Nanotechnology for Biological Applications: Recent Advances and Future Perspectives (Volume - 1), Akinik Publications, Paperback ISBN: 978-93-7150-741-7, E-Book ISBN: 978-93-7150-124-8, 2025, 3-16.

Toxicology of Nanomaterials, Nanotechnology for Biological Applications: Recent Advances and Future Perspectives (Volume - 1), AkiNik Publications, Paperback ISBN: 978-93-7150-741-7, E-Book ISBN: 978-93-7150-124-8, 2025, 33-57.

Evaluation of Phytochemical Screening and In Vitro Antiuro lithiatic Activity of Myristica fragrans by Titrimetry Method Using Machine Learning – Bioinspired optimization for medical mining, Scrivener Publishing, ISBN: 978-1-394-21419-8. July 2024, 31- 38.

Silver nanoparticle synthesized Citrus maxima peel extract using XRD and FTIR via machine learning techniques. – "Research Trends in Multidisciplinary Research (Volume - 44)" ISBN 978-93-5570-685-0. May, 2023.

## Presentations in Conference/ Seminars

- Biofuel from enzyme Xylanase – An outlook’ – Presented in National level Conference on “Frontiers in Enzyme Technology” at Karpagam Arts & Science College, Coimbatore, 15-16th November 2002.
- Screening of Amolytic enzymes from Actinomycetes’- Presented in National level Conference on “Frontiers in Enzyme Technology” at Karpagam Arts & Science College, Coimbatore, 15-16th November 2002.
- Applications of Novel Techniques on Lipase Enzyme’- Presented in National level Conference on “Frontiers in Enzyme Technology” at Karpagam Arts & Science College, Coimbatore, 15-16th November 2002.
- Renewable sources of energy’-Paper Presented in State Level Seminar at Sri G.V.G.Visalatchi College on Millennium, Udumalpet, 2nd Sep 2004.
- ‘Biosorption of synthetic dyes using (Aspergillus niger) dead fungal biomass’ - presented in National level Seminar “The factes of biotechnology” at CMS College, Coimbatore, 5th December 2006.
- ‘Apoptosis and development of Novel anticancer drugs’- presented in National Level Seminar on “Oncological Surveillance” conducted by Karpagam Arts and Science, Coimbatore, 31<sup>st</sup> August 2007.
- ‘Novel peptide – based biomaterial scaffolds for Tissue engineering’- presented in National conference on “Recent Trends in Medical Microbiology, held at Karpagam Coimbatore, 7th and 8<sup>th</sup> Feb 2007.
- ‘Biodiversity and its value’- Presented in National Level Seminar on “Biodiversity and Conservation” conducted by Karpagam Arts and Science college, Coimbatore, 16th and 17th February 2007.
- ‘Biodiversity conservation strategies for the 21st century’- Presented in National Level

Seminar on “Biodiversity and Conservation” conducted by Karpagam Arts and Science college, Coimbatore, 16th and 17th February 2007.

- ‘Biotechnology in environmental management’ - Presented in National Level Seminar on “Biodiversity and Conservation” conducted by Karpagam Arts and Science college, Coimbatore, 16th and 17th February 2007.
- ‘Crystallography gives insight into drug design’- Presented in International symposium on “Structural Bioinformatics- structure & Functions of Macromolecules” conducted by Sri Ramakrishna college of Arts & Science for women, Coimbatore, 12th January 2008.
- Phytochemical Screening and Evaluation of Antimicrobial activity, Antioxidant activity of leaves of *Andrographis Paniculata*, Presented in National seminar on Bioinformatics & Biopharmaceuticals (NSSB) conducted by Bharathiar University, Coimbatore, 3rd March 2015.
- Evaluation of Phytochemical Screening, Antibacterial, Antioxidant capsicum Annus, *calotropis gigantean*, Presented in National Conference on Avenues in Biotechnology- 2016 conducted by Nandha Arts and science college, Erode, Coimbatore, 17th Feb 2016.
- Characterization and Evaluation of Phytochemical Screening, Antioxidant activity on *lablab purnuries*, Presented in National Conference on Indigenous Medicinal Plants and their Therapeutic value- NCIMP – 2016, conducted by Karpagam University, Coimbatore on 18th& 19th August, 2016.
- Poster Presentation on STEM Teacher Training Workshop on Research – Based Pedagogical Tools (Level 1) organized by MHRD & DBT, IISER, Pune held during from 23rd – 26th Sep, 2018, West Bengal, Kolkata.
- Extraction of oil from *Punica*, Presented in National Conference on Futuristic approaches in Transformation of Biosciences Research, Faculty of Biosciences, Dr.N.G.P. Arts and Science College, Cbe.6- 7th March 2020.
- Paper presentation on Synthesis and characterization of silver nanoparticles using *Syzygium aromaticum* and their in vitro antioxidant activity in National Conference on “Sustainable Agricultural Practices” organized by RVS College of Arts and Science, Cbe -02, 11<sup>th</sup> May 2022.
- Paper presentation in Two days National conference on AI and IoT for Agriculture Innovation and Environment Sustainability organized by Centre for Internet of things & Department of Biochemistry, Dr.NGP Arts and Science College, coimbatore on 25-26<sup>th</sup> August 2022.
- Paper presentation in Bioactive constituents of food in International conference in Food, Bio and Nano Materials (ICFBN 23) organized by Faculty of engineering, Karpagam Academy of Higher Education, Coimbatore held on March 17-18<sup>th</sup> 2023.
- Paper presentation in Preparation and evaluation of herbal soap using *Daucus*, *aloe barbadensis miller* and *citrus sinensis* on National conference on “Frontiers in Biotechnology” organized by PG & Research Department of Biotechnology, Nandha Arts

& Science college, Erode on sep 22<sup>nd</sup> 2023.

- Paper presentation in Study on ethanolic extract in International conference on “Lifestyle Diseases and Management” organized by Department of Biochemistry, Karpagam Academy of Higher Education, Coimbatore held on 19<sup>th</sup> – 20<sup>th</sup> Feb 2024.
- Paper presentation in Ethanolic extract on Hydnocarpus pentipora and its impact on Liver cancer cell line on Two day International conference on Biorevolution- pioneering innovations in Life Sciences organized by Biotechnology, PSGR Krishnammal College for women, Coimbatore held on March 21- 22<sup>nd</sup> 2024.
- Paper presentation on Phytochemical analysis, Antioxidant activity and DNA Fragmentation of ethanol extract on Maranta Arundinacea Rhizome, on National conference on innovations and Emerging Trends in Natural Therapeutics, Molecular Biological and Structural Analysis of Biomolecules organized by PSG College of Arts and Science, Coimbatore held on 10/12/2024.
- Paper Presentation in Unravelling the microbiome’s impact on Food safety and quality, on National conference on Probiotics, Prebiotics: The future of health and nutrition organized by organized by Biotechnology, PSGR Krishnammal College for women, Coimbatore held on Dec 12 – 13th 2024.
- Paper presentation in HPTLC Phytochemical profiling and free radical scavenging activity of novel polyherbal formulation, on International conference organized by Vinayaka Missions Kirupananda Variyar Arts and science College, Salem held on 13<sup>th</sup> – 14<sup>th</sup> October 2025.

#### **Online Course**

- Participated and completed course on Professional development programme on Implementation of NEP – 2020 for university and College Teachers organized by Indira Gandhi National open university, NewDelhi, held from 7<sup>th</sup> – 15<sup>th</sup> October 2022.
- Online course on Human health and Diseases from Infosys, Springboard on Nov 7<sup>th</sup> 2022.
- Online course on Molecular basis of Inheritance from Infosys, Springboard on Nov 11<sup>th</sup> 2022.
- Online course on Evolution from Springboard on Feb 2023.

#### **Participation in Conference**

##### **National**

1. National Symposium on ‘DRUG DISCOVERY- A NOVEL APPROACH’ Organized by the Department of Biochemistry on Sep 17<sup>th</sup> 2003at Karpagam Arts and Science College, Coimbatore-21
2. One day Crash course on Applied Bioinformatics conducted by Vitall Mallya Research Foundation, Bangalore, held on Sep 2006.
3. Fast Track Training Programme in Bioinformatics conducted by Department of Bioinformatics, AVIT on July 10<sup>th</sup> 2009.

4. National Conference on Herbal Medicine Organized by the Department of Botany, School of Life Sciences, Bharathiar University on Sep 8<sup>th</sup> and 9<sup>th</sup> 2010, Coimbatore.
5. 9<sup>th</sup> MDRF – UAB International Seminar on Prevention & Control of Non- Communicable Diseases, held on Feb 25-27, 2011 at Madras Diabetes Research Foundation, Chennai.
6. National level webinar on “Modern Trends in Chemical Sciences” Organized by Department of Chemistry, Karunya Institute of Technology and Sciences, Cbe, 12<sup>th</sup> Sep 2020.
7. National level webinar on Impact of COVID- 19 on Pharmaceutical Research and science organized by Society of Pharmaceutical Sciences and Research, 8<sup>th</sup> Jan 2021.
8. National level webinar on “Navigating Your Journey from Research to patent & how patent and publication differ” organized by Society of Pharmaceutical Sciences and Research, 18<sup>th</sup> April 2021.
9. National conference on Diagnosis, Management and Vaccination for COVID19 Organized by IQAC Collaboration with Marine Biotechnology and Young Academy of India, AMET Deemed to be University, 11- 13<sup>th</sup> May 2021.
10. Participated in XIV Louis Pasteur International symposium on Role of Multidisciplinary Research in methodology for sustainable development held on 9<sup>th</sup>- 10<sup>th</sup> March 2023, organized by department of Microbiology, Dr. N.G.P Arts and Science College, Coimbatore.
11. International webinar on National Education Policy 2020 organized by Department of Botany, DPG Degree College, Gurugram, Haranya in association with A2Z EdulearningHUB LLP on 9<sup>th</sup> August 2023.
12. Participated in 29<sup>th</sup> SPSR webinar on Harnessing Nanotechnology: Biosynthesis and characterization of silver nanoparticles and their biomedical and agricultural advancements organized by SPSR on 15<sup>th</sup> October 2023.

### **Participation in Workshop**

- Workshop on Techniques in Biotechnology organized by Department of Biotechnology, Karpagam Arts & Science College on 15<sup>th</sup> & 16<sup>th</sup> Feb 2008, coimbatore.
- One day Workshop on Research Methodology organized by Indian Society for Technical Education Chapter of AVIT on Nov 11<sup>th</sup> 2009, Chennai.
- Lecturer workshop on “products from natural resources: prospecting and utilization” held during 27- 29 July, 2011 in the School of bioscience and Technology, VIT University, Vellore- 14.
- Workshop on “Biochemical & Molecular Techniques” organised by Abbes Biotech, Chennai & Department of Biochemistry held during 24.9.14 & 31.01.15, RVS college of Arts and Science, Coimbatore.
- Science Academies Lecture Workshop on “ Biological Sciences in the 21<sup>st</sup> Century” organized

by Department of Biochemistry, held on 23<sup>rd</sup> and 24<sup>th</sup> Jan 2015, PSG College of Arts and Science, Coimbatore.

- Science Academies Lecture Workshop on “Bio- Prospecting the Bio- wealth” organized by Department of Biochemistry and Bioinformatics, held on 9<sup>th</sup> and 10<sup>th</sup> Jan 2017, Karpagam University, Coimbatore.
- STEM Teacher Training Workshop on Research – Based Pedagogical Tools (Level 1) organized by MHRD & DBT, IISER, Pune held during from 23<sup>rd</sup> – 26<sup>th</sup> Sep, 2018, West Bengal, Kolkata.
- Workshop on “Instrumentation Techniques” organised by Chromopark, Research centre & Department of Biochemistry held during 18<sup>th</sup> Dec 18, RVS college of Arts and Science, Coimbatore.
- Workshop on “Effective Utilization of e- Resources in library” organized by NDLI & Srimathi Padmavathi Memorial Central Library held on 12<sup>th</sup> Nov, 2019, RVS college of Arts and Science, Coimbatore.
- International Webinar on COVID-19 VACCINE DEVELOPMENT Department of Microbiology, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi, 15.05.2020.
- International Webinar on Bioinformatics in Microbiome Research & Climate, Biomes and India, PG Department of Chemistry (SSC), St. Mary’s College, Thoothukudi, 17.5.2020.
- National level COVID - 19 Pandemic Awareness Quiz, Department of Science And Humanities, PPG INSTITUTE OF TECHNOLOGY, May 2020.
- International Level E-Quiz on COVID-19 AWARENESS, DIAGNOSIS & PREVENTION’ Department of Zoology, Muqyyath Sha Sirguro Wakf Board College, Madurai, 20 May 2020.
- Nanobio incubation Facilities and DST funding opportunities conducted by Department of Biochemistry, Rathnavel Subramaniam College of Arts and Science, cbe. 16<sup>th</sup> May 2020.
- E- workshop cum E- Quiz on “Positive Thought and the Ideal Life” Organized by Research committee, Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai, 29<sup>th</sup> May 2020.
- Workshop on Patents, Design & Functional Aspect of IPR, organized by Faculty Research Forum, School of CS & IT, Jain (Deemed-to-be University), Bengaluru, Karnataka on 28th Jan 2023.
- One Day Workshop on Outcome Based Education (OBE) on 4<sup>th</sup> March 2023, organized by Dr. N.G.P Arts and Science College, Coimbatore in association with ipsr solutions limited.
- Hands-on two-day workshop on “Equipment handling (HPLC & NPTA) organized by the Science Departments (PG) PSGR Krishnammal College for Women, Coimbatore on 6<sup>th</sup> & 7<sup>th</sup> Feb 2024.
- Short term training programme on NEP2020 Orientation & Sensitization Programme, Organized

by UGC - Malaviya Mission Teacher Training Centre, Bharathiar University, Coimbatore on 8/10/24- 22/11/24.

- Workshop on Peaks to Patterns – capillary electrophoresis in clinical practice, Organized by Department of Biochemistry, KMCH Institute of Health Sciences & Research, Coimbatore on 28/6/2025.
- Short term training programme on NEP2020 Orientation & Sensitization Programme, Organized by UGC - Malaviya Mission Teacher Training Centre, Bharathiar University, Coimbatore on 4/8/25 - 13/8/25.
- Two days workshop on Zebrafish embryology and Experimental techniques in Developmental toxicology and Neurobehavior, organized by Centre for Nanomedical Science, Sathyabama Institute of science and technology, Chennai on 6/11/25 – 7/11/25.

### **Participation in Faculty Development Programme**

- Attended Training programme on “Instructional Design and Delivery Systems” conducted by NITTR (National Institute of Technical Teachers Training & Research) at AVIT, Tamilnadu from 13<sup>th</sup> to 15<sup>th</sup> July 2009.
- Modules on Faculty development programme (PHASE II) conducted by the Centre for Innovation and Excellence, AVIT, from 8<sup>th</sup> to 10<sup>th</sup> Dec 2010.
- FDP Programme on Data science and Analytics organized by Department of Data science and Analytics, Sree Saraswathi Thyagaraja College & IBACUSTECH, Pollachi, 16- 22<sup>nd</sup> June 2021.
- Six days International Faculty development Program on Research Methodologies & Teaching organized by Shri Krishnaswamy college for women, Chennai & RAISE centre of excellence, powered by MIT square, London from 10<sup>th</sup> to 15<sup>th</sup> October 2022.
- International Virtual FDP on “Personality Grooming - Handling Stress and Emotional Intelligence” organized by IQAC & Department of Commerce with Information Technology of PPG College of Arts and Science, Coimbatore, Tamilnadu from 02/01/2023 to 06/01/2023.
- FDP on First Hand experience on SPSS- Introductory Module organized by RFI – Care from 1/07/2023 to 07/07/2023.
- One-week International FDP on “Applicability of Mathematical Sciences in Emerging world” organized by Department of Mathematics, School sciences, Humanities, Sathyabama Institute of Science and Technology, Chennai from 7/ 08/2023 to 12/08/2023.
- Seven days International FDP on “Exploring Technology Advancements: A Voyage into emerging Horizons” organized by Department of computer science, Sri S.Ramasamy Naidu memorial college, Madurai from 20/11/23 to 27/11/23.

- Faculty Refresher program on Technology based Teaching & Learning organized by Department of Research and Publications, A2Z Edu LearningHub LPP 22/12/2023.
- Five days International Virtual “Professional Development Program” on Developing your Professional edge organized by Department of Commerce with Information Technology & IQAC, PPG College of Arts and Science, Coimbatore from 8/1/2024 to 12/1/2024.
- Five days FDP “IPR, Biotechnology and Health Laws” organized by Institute of Engineering and Management, New Town, from 23/06/2025 – 27/06/2025.
- Six days ATAL FDP “AI in Education” organized by ABDUL RAZZAK KALASEKAR Polytechnic college, Maharashtra, from 13/10/2025- 18/10/2025.

### **Conference/ Seminar/ workshop Organized**

- Organizing Committee Member, National Conference on Interdisciplinary Approaches on Dynamics of Bioscience Research (IADBR - 2023), Dr. N.G.P. Arts and Science College, Coimbatore, 28-Mar-23.
- Organizing Committee Member, State Level Seminar on "Emerging Trends in Bioentrepreneur ship (ETB - 2023)", Dept. of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore, 26-Sep-23.
- Organizing Committee Member, National Workshop on "Molecular Biology, Chromatography and Animal models', Dept. of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore, 13-Mar-24 to 14-Mar-24.
- Organizing secretary, Hands on Workshop on BIOLAB MASTERY: Hands on Techniques for school teachers, under DBT Star Status, Dept. of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore, 14-Oct-24 to 15-Oct-24.
- Organizing Committee Member, National Conference Convergence of Artificial Intelligence and Multidisciplinary sciences for sustainable development (AIMS- 26), Dr. N.G.P. Arts and Science College, Coimbatore, 28-Feb-26
- Programme coordinator in National Science Day, RJ Matriculation School, Coimbatore, 27- Feb 26.

### **Delegate/Keynote speaker**

- Gave a talk on Heart Disease – The Silent Killer, Seminar on Biotechnology and Human welfare on 28/05/ 2009, Department of Biotechnology, Vinayaka Missions University, AarupadaiVeedu Institute of Technology, Paiyanoor.
- Acted as Resource person on Hands on Workshop on soil analysis for Undergraduate students on 20/09/2023, conducted by Department of Biochemistry, under DBT star Collge Scheme, Dr.N.G.P. Arts and Science College, Coimbatore.
- Acted as Resource person on Seminar - From Research exploration to Publication : ‘A comprehensive Journey’ on 20/9/2024, organized by Department of Biochemistry, PG & Research, Kongunadu arts and science college, Coimbatore.

### **Editorial Board Member in Books**

- Futuristic Trends in Pharmacy and Nursing, Book series ID:IIPV3EBS16\_G90.
- Akinik Publications, “Nanotechnology for Biological Applications: Recent Advances and

Future Perspectives” – Book, ISBN 9789371507417, Jan 2025.

- Advances in Bioscience and Bioengineering (ABB) - Journal  
ISSN Print: 2330-4154; ISSN Online: 2330-4162,  
<https://www.sciencepg.com/j/abb>

### **Reviewer Board Member**

- Book reviewer – BP International Book
- Journal of Functional Foods - Reviewed Research article - Elsevier
- Asian Journal of Medicine and Health
- Journal of pharmaceutical Research International
- International Journal of Biochemistry Research & Review
- European Journal of Medicinal Plants
- Asian Journal of Research in Cardiovascular diseases
- Microbiology Research Journal International

### **Membership in Professional Bodies**

<b>Name of the Professional Body</b>	<b>Nature of membership</b>	<b>Duration</b>
Society of Biotechnologists.	Life-time	-
Healthcare and Biological sciences Research Association	Life-time	-