

Name : Dr. M. Poongothai

Designation : Associate Professor

Department : Biotechnology

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

Experience : Teaching: 10 Years 11 months Industry: - Research: 5 Years

Area of Specialization(s) : Plant Pathology, Molecular Biology, Mushroom Bioprospecting

Email (Official ID) : drpoongothai@drngpasc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.,	Biotechnology (Plant Pathology)	Sugarcane Breeding Institute, Coimbatore	2011
M.Sc.,	Biotechnology	Bharathiar University, Coimbatore	2004
B.Sc.,	Biotechnology and Biochemistry	Avinashilingam University, Coimbatore	2002

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	Power User	IBM	2001
Online Certificate	Easy Anatomy and Physiology	Udemy	2016
Online Certificate	Stress Management	NPTEL	2018
Online Certificate	First aid training	Cursa	2020
Online Certificate	Human Behaviour	NPTEL	2020
Online Certificate	How to conduct evidence-based research	Researcher Academy (Elsevier)	2020
Online Certificate	Digital Teaching Techniques	ICT Academy	2020
Online Certificate	Nanotechnology in Agriculture	NPTEL	2020
Online Certificate	Psychology of Everyday	NPTEL	2022

Online Certificate	Molecular Basis of Inheritance	Infosys Springboard	2022
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Grants Received

Project Title	Agency	Amount	Date
Seed Money for Lab on Project entitled – Effectiveness of Natural pigment as organic dye	Dr. N.G.P Arts and Science College, Coimbatore	Rs. 5,000	14.12.2016
Seed Money for Lab on Project entitled - Antibacterial, Anti acne activity and vitamin B6 content in <i>Caesalpinia sappan</i> L. and <i>Cinnamomum verum</i> J. Presl – A comparison	Dr. N.G.P Arts and Science College, Coimbatore	Rs. 5,000	10.01.2018
Seed Money for Lab on Project entitled – Domestic waste to industrial gold	Dr. N.G.P Arts and Science College, Coimbatore	Rs. 5,000	05.10.2021

Projects

Completed

Project Title	Agency	Designation	Period
Network project on Wilt of Crops	ICAR (Sugarcane Breeding Institute)	Senior Research Fellow	2005-2008

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	3

Research Publications (Indexed)

1. Viswanathan, R., Balamuralikrishnan, M. and Poongothai, M., **Detection of Phytoplasmas causing Grassy Shoot Disease in Sugarcane by PCR Technique**, Sugar Tech, Vol. 7, No. 2&3, pp. 71-73, June 2005, ISSN: 0972-1525, (Indexed in Scopus, Google Scholar, EBSCO Discovery Service).

2. Viswanathan, R., Malathi, P., Ramesh Sundar, A., Poongothai, M. and Singh, N., **Current status of sugarcane wilt in India**, Sugar Cane International, Vol. 24, No. 4, pp. 2-7, July - August 2006, ISSN: 0265-7406, (Indexed in Excellence Research Australia).
3. Malathi, P., Viswanathan, R., Ramesh Sundar, A., Prakasam, N., Padmanaban, P., Jothi, R., Renuka Devi, S.R. and Poongothai, M., **Variability among *Colletotrichum falcatum* pathotypes used for screening red rot resistance in sugarcane**, Sugarcane International, Vol. 28, No. 2, pp. 47-52, March – April 2010, ISSN: 0265-7406, (Indexed in Excellence Research Australia).
4. Viswanathan, R., Poongothai, M. and Malathi, P., **Pathogenic and Molecular confirmation of *Fusarium sacchari* causing wilt in sugarcane**, Sugar Tech, Vol. 13, pp. 68-76, January – March 2011, ISSN: 0972-1525, (Indexed in Scopus, Google Scholar, EBSCO Discovery Service).
5. Viswanathan, R., Poongothai, M. and Malathi, P. and Ramesh Sundar, A., **Sugarcane Wilt: New Insights into Pathogen Identity, Variability and Pathogenicity**, Functional Plant Science and Biotechnology, Global Science Books, Vol. 6, No. 2, pp.30-39, 2012, ISSN: 1749-0472
6. Poongothai, M., Viswanathan, R., Malathi, P. and Ramesh Sundar, A., ***Fusarium sacchari* causing sugarcane wilt: Variation in morphological characteristics of the pathogen**, International Sugar Journal, pp. 848-857, December 2013, ISSN: 0020-8841, (Indexed in Scopus, SCIE).
7. Poongothai, M., Viswanathan, R., Malathi, P. and Ramesh Sundar, A., **Sugarcane Wilt: Pathogen Recovery from Different Tissues and Variation in Cultural Characters**, Sugar Tech, Vol. 16, pp. 50-66, January – March 2014, ISSN: 0972-1525, (Indexed in Scopus, Google Scholar, EBSCO Discovery Service).
8. Viswanathan, R., Poongothai, M., Malathi, P. and Naveen Prasanth, C., **Sugarcane wilt: Simulation of pathogenicity through different methods and environments**, International Sugar Journal, pp. 194-201, March 2015, ISSN: 0020-8841, (Indexed in Scopus, SCIE).
9. Poongothai, M., **Diversity of *Fusarium* spp. associated with sugarcane wilt**, Indian Journal of Science, Vol. 15, No. 47, pp. 149-163, April 2015, ISSN: 2319-7730.
10. Poongothai, M., Viswanathan, R., Malathi, P., Ramesh Sundar, A., Naveen Prasanth, C. and Balaji, C.G., **Genetic relatedness among *Fusarium* populations associated with sugarcane wilt in India: bridging molecular variability and phylogenetic diversity**, Journal of Sugarcane Research, Journal of Sugarcane Research, Vol. 5, No. 1, pp.33-48, June 2015, ISSN: 2249-927, (Indexed in DOAJ).
11. Madhubala, S., Poongothai, M. and Mahesh Kumar, E., **Antibacterial and anti acne activity of *Caesalpinia sappan* L. and *Cinnamomum verum* J. Presl – A comparison**, International Journal

of Advanced Research in Biological Sciences, Vol. 5, No. 4, pp. 118-122, April 2018, ISSN: 2348-8069, (Indexed in Google Scholar, IndianScience, Altavista).

12. Daranipriya, P., Shanmugavadivu, M. and Poongothai, M., ***Bacillus anthracis* mediated saccharification of Groundnut shell for ethanol production**, International Journal of Plant, Animal and Environmental Science, Vol. 9, No. 3, pp. 190-199, September 2019, ISSN: 2231-4490, (Indexed in Google Scholar, ResearchGate, Index Copernicus).
13. Shrirakshaya, S. S., Vignesh, M., Dhananandhini, M., Kavya, N. and Poongothai, M., **Cellulose and Starch as the Source of Bioplastic**, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 8, No. 6, pp. 562-567, June 2020, ISSN: 2321-9653, (Indexed in Academia.edu, Mendeley, DRJI, Scribd, Google Scholar, Index Copernicus, Issuu, ResearcherID & Research GATE).
14. Hema, S., Nivetha, L. and Poongothai, M., **Biosynthesis of iron nanoparticle by *Pseudomonas* sp. and its plant growth promotion**, Scrutiny International Research Journal of Biological and Environmental Science (SIRJ-BES), Vol. 7, No. 6, pp.1-13, June 2020, ISSN: 2348-4365, (Indexed in Orcid)
15. Hema, S. and Poongothai.M, **Isolation of Siderophore producing bacteria from seaweed (*Solieria robusta*, *Kappaphycus alvarezii*, *Gracilaria edulis*, *Turbinaria ornata*)**, International Journal of Scientific & Engineering Research Vol. 11, No. 8, pp. 1575-1580, August 2020, ISSN 2229-5518 (Indexed in Google Scholar)
16. Gopi Shankar Thirumoorthy, Oviyashri Balasubramaniam, Punitha Kumaresan, Poongothai Muthusamy & Karthik Subramani, ***Tetraselmis indica* Mediated Green Synthesis of Zinc Oxide (ZnO) Nanoparticles and Evaluating Its Antibacterial, Antioxidant, and Hemolytic Activity**, BioNanoScience, Vol. 11, No. 4, pp. 172–181, January 2021. (Indexed in Scopus, Web of Science)
17. Hema, S. and Poongothai. M, **A Review on Protease – A Key enzyme of Multifold Functionalities**, Gradiva Review Journal, Vol. 8, No. 10, pp. 742-753, October 2022, ISSN: 0363-8057 (Indexed in Scopus, Web of Science)
18. Deepa Onnarakatt, Krishna vignesh Lakshmanan, DR. A. Mahalakshmi Priya and Dr. M. Poongothai, **Impact of Seminal components on seminal quality**, European Chemical Bulletin, Vol. 12, No. 1, pp. 1552-1560, April 2023, ISSN: 2063-5346 (Indexed in Scopus, DOAJ)

1. Dr. V. Rajendran, Dr. S. Saravanan, Dean – Admin, Dr. M. Poongothai and Mr. K. Jayabalan (Eds), **Blue Book – Laboratory Facilities**, Vol.5, Dr. N.G.P Arts and Science College, Raasi Enterprises, 2019.
2. Dr. V. Rajendran, Dr. S. Balasubramanian, Dean – R & D, Dr. M. Poongothai, Prof. K. Nagalakshmi and Dr. V. Gopalakrishnan (Eds), **Blue Book – Journal Club**, Vol.5, Dr. N.G.P Arts and Science College, Raasi Enterprises, 2019.
3. Dr. P. Deepak and Dr. M. Poongothai, **Genetics and Biochemistry** (Lab Manual for UG Students), Dr. N.G.P Arts and Science College, Raasi Enterprises, 2022, ISBN: 978-81-960021-3-8.
4. Dr. M. Poongothai and Dr. K. Arungandhi, **rDNA, Bioprocess, Plant & Animal Biotechnology** (Lab Manual for UG Students), Dr. N.G.P Arts and Science College, Raasi Enterprises, 2022, ISBN: 978-81-959939-9-4.

Book Chapters

1. Dr. Poongothai. M, Chapter II: Cloning Vectors, Handbook of Biotechnology, Ms. Ranjani Devi. M, Dr. Jagannathan S, Ms. Muneeswari. K and Ms. Thenmozhi. R (Other Chapter Authors), Mrs. Pushpanjali S (Ed), 1st edition, AIB Saliha Publications, Tamil Nadu, India, pp. 103-222, 2020, ISBN: 978-81-948129-8-2.
2. Poongothai. M, Chidambararajan. P, Mahalakshmi Priya. A and Hema. S, Biopigments - Aspects of Bioprospecting, Synthetic Microbial Research- Challenges and Prospects, Dr. R. Bhagyaraj, Dr. D. Arunkumar and Dr. A. Anitha (Eds.) Vol. 1, Ed.1, pp. 161-182, October 2021, ISBN: 978-81-947071-0-3.
3. Krishnavignesh Lakshmanan, Deepa Onnarakatt, V. M. Thomas, Smisha Sridev, Anuja Gopalakrishnan and Poongothai Muthuswamy, Sperm Assessment and Processing in Recent Advances in Biotechnology Series, Advances in Assisted Reproduction Technologies, Islam M. Saadeldin (ed.), Vol. 5, pp.60-89, 2022, ISBN: 978-981-5051-67-4.

Patents Published

1. Poongothai. M and Shirakshaya. S.S (Inventors), Bio-plastic production from peduncle and peel of *Musa paradisiaca* – An eco friendly approach, Ref. No.: 202341015884.
2. Poongothai. M and Hema. S (Inventors), Optimization of Temperature for Extraction of Protease from Coconut Shells (*Cocos nucifera*) and its application in food industry, Ref. No.: 202341015883.

Presentations in Conference

1. **Transgenesis**, Bionneium 2000, Biochemistry association 1999-2000, Kongunadu College of Arts and Science, Coimbatore, 29-Feb-2000.
2. **The Silent Information Regulator 2A novel deacetylase**, National Seminar on Current Trends in Biological Sciences, Department of Biotechnology and Biochemistry, Avinashilingam Deemed University, Coimbatore, 12 and 13-Dec-2002.
3. **Comparative Antimicrobial activity of Crude Polysaccharides and flavonoids from *Zingiber officinale***, National Level Conference on “Perspectives of Biotechnology for Healthcare Management” (MARINA’11), Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 29 and 30-Dec-2011.
4. **Molecular characterization of Sugarcane wilt pathogen**, National Level Seminar on “Current Trends in Microbiology Research”, Department of Microbiology, Sree Amman Arts and Science College, Chittode, Erode, 28-Oct-2014.
5. **Natural dyeing in Textile using different floral extracts**, 7th National Conference on “Biotechnology-Present and Future for Sustainable Healthcare Development (MARINA’14)”, Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 29 and 30-Dec-2014.
6. **Characterization of *Streptomyces* isolated from different soil samples**, Sree Krishna Arts and Science College, Coimbatore
7. **Characterization of intriguing pathogen *Fusarium sacchari* causing swilt in sugarcane**, 36th Annual Conference of ISMPP – 2015 National Symposium on “Challenges and Management Approaches for Crop Diseases of National Importance – Status and Prospects”, TNAU, Coimbatore. and Indian Society of Mycology and Plant Pathology, Udaipur, Rajasthan, 12-14-Feb-2015. ISBN: 9788192330693, Pg. 49.
8. **Genetic diversity of *Fusarium* populations causing Sugarcane Wilt**, International Conference on “Recent advances in Bionanoscience and Technology”, Department of Biosciences, Hindusthan College of Arts and Science, Coimbatore, 25 and 26-Feb-2015.
9. **Biopigments – Natural Source**, National Seminar on “Biodiversity Products and Industrial Application”, Centre for Biodiversity and Forest Studies, Periyar University, Salem, 28-29-Sep-2015.
10. **Textile Dyes – Natural Source**, National Level Seminar on “Frontier Research in Applied Biology & Environmental Sciences”, Department of Biochemistry, King Nandhivarma College of Arts & Science, Thiruvannamalai.

11. **Effectiveness of Natural products as Organic dyes**, International Conference on “Frontiers in Biotechnology”, Department of Biotechnology, Nandha Arts and Science College, Erode, 03-Feb-17.
12. **Papaya Seed – a source of papain enzyme**, International Symposium on “Bioscience Research for Present and Future (Biomillennium’17)”, Department of Biotechnology, Vivekanandha College of Arts and Sciences for Women, 7 and 8 Mar 17.
13. **Effectiveness of Natural pigment as organic dye**, International Symposium on “Bioscience Research for Present and Future (Biomillennium’17)”, Department of Biotechnology, Vivekanandha College of Arts and Sciences for Women, 7 and 8 Mar 17.
14. **Osteomyelitis: an overview of Antimicrobial therapy**, National seminar on “Indigenous herbs and bone health”, Department of Biochemistry and Bioinformatics, Karpagam Academy of Higher Education, Coimbatore, 21 and 22-Jun-17.
15. **Antimicrobial, Antiacne and flavonoid content of *Caesalpinia sapan***, National Seminar on “Challenges and Advances in Microbiology (CAM-2018)”, Department of Microbiology, Faculty of Science, Annamalai University, 1 and 2-Feb-18.
16. **Transgenesis**, State Level seminar on “Current Strategies in Forest Resources Management”, Department of Zoology, Virudhunagar Hindu Nadars’ Senthikumara Nadar College, Virudhunagar, 16-Feb-2018.
17. **Papaya seeds - a source of papain enzymes**, National Seminar cum Workshop on “Innovations and implementation of Modern Technologies in Agriculture & Horticulture”, PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal, 22–24-Nov-18.
18. **Bioplastic from Biowaste**, 6th International Conference on “Bioscience towards a sustainable future”, Department of Biotechnology, K.S.G. College of Arts and Science, Coimbatore, 12-Feb-20.
19. **Evaluation of workplace heat stress impact on male infertility**, UGC sponsored Two day National Conference on “Environment and Biosciences”, School of Biosciences, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, 20 and 21-Feb-20.
20. **Formulation of Mosquito Repellent Cream using Herbal Extracts**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.

21. ***Calotropis gigantea* Leaf Extract against Oral Pathogens**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
22. **Synthesis of Bioplastic from Banana Waste**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
23. **Effective Component of Eggshell as Biofertilizer – Calcium Chloride or Calcium Carbonate**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
24. **Development of Nanoparticle Based Liquid Bio-Inoculant of Siderophore producing Bacteria Associated with seaweed**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
25. **Biosynthesis of Silver Nanoparticles from Green seaweed**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
26. **Biosynthesis of Silver Nanoparticles from Fenugreek Leaves (*Trigonella foenum-graccum*) and Analysing Antibacterial Activity**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
27. **Green Synthesis of Silver nanoparticles from *Cynodon dactylon* leaf extract**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
28. **Biosynthesis of Silver Nanoparticles using Henna (*Lawsonia inermis*) Leaves and Evaluation of their Antibacterial Activity**, National Conference on “Futuristic Approaches in Transformation of Bioscience Research”, Faculty of Biosciences, Dr.N.G.P Arts and Science College, Coimbatore, 6-7-Mar-2020.
29. **Identification of Flavonoids form *Acalypha indica***, National Conference on “Harnessing Biology for Sustainable Development”, PG and Research Department of Zoology, Nirmala College for Women, Coimbatore 16-17-Feb-23, ISBN 97893-5777-1245.

Participation in Conference

1. **National Symposium on “Frontiers in Biotechnology”**, Department of Biotechnology, Bharathiar University, Coimbatore, 27 and 28 Oct-04.
2. **IV Louis Pasteur Memorial National Symposium on “Biopharmaceuticals-their application in disease prevention and Health promotion-NSBP 2011**, Department of Microbiology, Dr. N.G.P. Arts and Science College, Coimbatore, 4 and 5-Aug-11.
3. **Two day State Level Conference on “Achieving Academic Excellence through IQAC”**, Dr. N.G.P. Arts and Science College, Coimbatore, 9 and 10-Dec-11.
4. **Popular Lectures on “Current Trends in Biotechnology and Bioinformatics”**, Research Department of Botany, Nirmala College for Women (Autonomous), 2-Mar-12.
5. **National Conference on Emerging Education Models for 21st Century Learner**, Association of Principals of Colleges of Bharathiar University and UGC Human Resource Development Centre, Bharathiar University, Coimbatore, 1-Aug-15.
6. **Third National Conference on Biodiversity Conservation**, PG and Research Department of Biotechnology, Sree Narayana Guru College, Coimbatore, 30-Sep-15.
7. **International Symposium on “Public Health Emergency and Disaster Management”**, PG and Research Department of Biotechnology and Microbiology, Hindusthan College of Arts and Science, Coimbatore, 3-Nov-15.
8. **DBT sponsored National Conference on “Changing Disease Profile: Challenges facing basic and Translational research in India”**, Department of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore, 5 and 6-Oct-16.

Participation in Seminars

1. **National level seminar on “Bioscientific Research and its sustainable development”**, Department of Biotechnology and Microbiology, Maharaja Co-education Arts and Science College, Perundurai, 31-Jan-15.

Participation in Workshop

1. **Analysis of Spectral Data**, Center for Research, Dr. N.G.P. Arts and Science College, Coimbatore, 30-Jan-17.
2. **Science Academies’ Lecture Workshop on “Recent trends in Microbiology and Biotechnology”**, Department of Biotechnology, Karpagam Academy of Higher education, Coimbatore, 27-Jun-18 to 28-Jun-18.

3. **Science Academies' Lecture workshop on "Recent Advances in Biochemistry"**, Department of Biochemistry, Dr.N.G.P. Arts and Science College, Coimbatore, 10-Aug-18 to 11-Aug-18.
4. **International Workshop on "Health Risk Assessment of Nanoparticles"**, Faculty of Basic and Applied Science and Biosciences, Dr. N.G.P. Arts and Science College, Coimbatore, 5-Dec-18 to 7-Dec-18.
5. **Animal Tissue Culture Techniques**, DBT STAR College Scheme by Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 30-Mar-19.
6. **Rural Immersion – Community Engagement**, Mahatma Gandhi National Council of Rural Education (MHRD), Hyderabad in collaboration with NSS Unit, Dr.N.G.P. Arts and Science College, Coimbatore, 21-Sep-19.
7. **"Production Technology on Mushroom - Antimicrobial Biomolecules for Plant Health"**, Department of Plant Pathology, TNAU, Coimbatore, 1-Oct-19.

Participation in Faculty Development Programme

- ♦ **NPTEL Online Certification on "Stress Management"**, IIT, Kharagpur, Aug-18 to Sep-18.
- ♦ **Seven day Faculty Development Programme on "Quality Measures in Higher Education"**, FDP Cell, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.
- ♦ **NPTEL Online Certification on "Human Behaviour"**, IIT, Guwahati, Jan-20 to Mar-20.
- ♦ **One week FDP Programme on "Quality Initiatives in Higher Education"**, Dr. N.G.P. Arts and Science College, Coimbatore, 13-Apr-20 to 20-Apr-20.
- ♦ **IIC Online sessions to promote "Innovation, IPR, Entrepreneurship and Start-ups"**, IIC MHRD, New Delhi, 28-Apr-20 to 22-May-20.
- ♦ **One week online FDP Programme on "Spoken Tutorial Free Open Source Software"**, Dr. N.G.P. Arts and Science College, Coimbatore, Spoken Tutorial, IIT, Bombay and National Mission on Education through ICT, MHRD, GoI, 04-May-20 to 10-May-20.
- ♦ **Certificate course on "Bionanotechnology"**, Association of Indian Biologists, Chennai, 15-May-20 to 11-Jun-20.
- ♦ **e-Faculty Development Programme cum Workshop on "Waste to Bioenergy"**, Sharda University, Uttar Pradesh and Maharashtra Institute of Technology, Aurangabad, 28-Jun-20 to 04-Jul-20.
- ♦ **Faculty Development Programme on "Nanotechnology in Agriculture"**, NPTEL-AICTE, Sep-20 to Nov-20.

- ♦ **Six days FDP on “Research at a glance: Current Protocols”**, Sinhgad Institutions, Vadgaon, 18-Jan-21 to 23-Jan-21.
- ♦ **Five Day Faculty Development Programme on “Impact of Covid on Higher Education and Research Initiatives”**, Sri Venkateshwaraa College of Engineering and Technology, Puducherry, 24-May-21 to 28-May-21.
- ♦ **ATAL online FDP on Recent Trends in Precision Agriculture**, Sant Longowal Institute of engineering and Technology, Longowal, 31-May-21 to 04-Jun-21.
- ♦ **ATAL online FDP on Personal effectiveness**, International Management Institute, Kolkata, 07-Jun-21 to 11-Jun-21.
- ♦ **ATAL online FDP on Green Technology and Sustainable development**, Amity University, Jaipur, 14-Jun-21 to 18-Jun-21.
- ♦ **Seven day online Faculty Development Programme on “Research Methodology and Pedagogy for Tertiary Education”**, Dr. N.G.P. Arts and Science College, Coimbatore, 15-Jun-21 to 21-Jun-21.
- ♦ **ATAL online FDP on Drug Engineering through Bioprospecting**, Dr. N.G.P. Arts and Science College, Coimbatore, 12-Jul-21 to 16-Jul-21.

Conference / Seminar / Workshop Organized

- ♦ Organising Member, National Symposium on Frontiers in Biotechnology held on 27th and 28th October 2004 in the Department of Biotechnology, Bharathiar University, Coimbatore.
- ♦ Organizer, National Level Conference on “Perspectives of Biotechnology for Healthcare Management” MARINA-2011, Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 29-Dec-11 to 30-Dec-11.
- ♦ Co-ordinator, Dr. NGP Endowment Lecture, Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 2012.
- ♦ Organizer, State level intercollegiate meet, BIO GENII’ 14, Department of Biotechnology, Maharaja Co-education Arts and Science College, Perundurai, 22-Jan-14.
- ♦ Organising member, National Seminar on Nanoparticles in Textiles and Health care in the Department of Biotechnology, Nandha Arts and Science College, Erode, 2015
- ♦ Organising Committee member, 9th National Conference on “Genomics and Proteomics in Bioprospecting – Role in Healthcare Development (MARINA’16)”, Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore.

- ♦ Organiser, DST Inspire Internship Science Camp, Dr. N.G.P. Arts and Science College, Coimbatore, 26-Dec-16 to 30-Dec-16.
- ♦ Organizer, Science Academies Lecture Workshop on DNA Technologies in Revisiting Biology, Department of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore, 27-Jul-19 to 29-Jul-17.
- ♦ Joint Secretary, 10th National Conference on “Bioprospecting – Indian perspectives, challenges & opportunities (MARINA’17), Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore.
- ♦ Organising Committee member, National Workshop on Data Analytics and its applications in Biotechnology (sponsored by DBT. New Delhi), Department of Computer Technology and Department of Biotechnology at Dr. N.G.P. Arts and Science College, Coimbatore, 14-Feb-19 to 15-Feb-19.
- ♦ Organising Committee member, National Seminar on Biodiversity and its Prospecting (NSBP-19) under DBT STAR College Scheme, Department of Microbiology and Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Feb-19.
- ♦ Organising Committee member, 11th National Conference on “Recent trends in Bioprospecting and its challenges” (MARINA’19), Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 16-Oct-19.
- ♦ Department Co ordinator, DBT STAR College Scheme, from 2018 till date.

Invited Speaker / Session Chair- Conference / Seminar / Workshop

- Chair person, Quiz competition - Student Development Programme (SCIFITECH2K15), Department of Biochemistry, Dr. N.G.P. Arts and Science College, Coimbatore
- Speaker, Soft skill development, Student Induction Programme, Dr.N.G.P. Arts and Science College, Coimbatore, 2019
- Invited speaker, Biotechnology in India – current scenario, Department of Biotechnology, Dr. R.V. Arts and Science College, Karamadai, 22-Jul-19.
- Invited speaker, Cancer Day 2020 – I am and I will, Department of Biotechnology, Karpagam academy of Higher Education, Coimbatore, 10-Feb-20.
- Doctoral Committee member at G.R.D College of Arts and Science.
- BoS Member – Consortium Colleges, Sri Ramakrishna College of Arts and Science, Coimbatore.
- Invited Speaker, Food and Mood, Department of Biotechnology, Sree Narayana Guru College, Coimbatore, 28-Jun-21.

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Proficiency holder (Biotechnology)	Avinashilingam University for Women, Coimbatore	2002
Winner	Creative Pitch Deck on Sustainable Agriculture organized by IGEN Nobel Laureate Lecture Series and KPRIET	25-Aug-2020
World Record event Participation	Longest Virtual Event on Vision 2030: Importance of enhancing Life skills for reaching Higher Heights	18-Jun-21 to 20-Jun-21
Sri Nalla Gounder Research and Innovation Award for Best Work Paper	Dr.N.G.P Arts and Science College, Coimbatore	2022-23
Sri Nalla Gounder Research and Innovation Award for Best Professor - Research Contribution	Dr.N.G.P Arts and Science College, Coimbatore	2022-23