

Name: Dr.T.INDHUMATHI

Designation: Professor

Department: Biochemistry

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

Experience: Teaching: 16 Years Industry:1Year Research: 12 years

Area of Specialization(s) : Clinical Toxicology, Cancer Biology, Plant Biochemistry

Email (Official ID) : indhumathi@drngpsc.ac.in



Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Biochemistry	Dr.N.G.P Arts and Science College, Coimbatore; Bharathiar University	2016
M. Phil.	Biochemistry	Dr.N.G.P Arts and Science College, Coimbatore; Bharathiar University	2009
M. Sc	Biochemistry	Dr.N.G.P Arts and Science College, Coimbatore ;Bharathiar University	2006
B. Sc.	Biochemistry	Navarasam Arts and Science College, Arachalur; Bharathiar University	2002

Additional Qualifications

Diploma / Vocational Certification	Area of Specialization	Institution / University / Agency Name	Year
Certificate	Functional Genomics	NPTEL	April 2017.
Certificate	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	August 2017
Certificate	Biomedical nanotechnology	NPTEL	November 2019

Refresher Course	Teacher and Teaching in Higher Education	ARPIT-Swayam	February 2020
Certificate	Coronavirus-What You Need To Know	Alison	April 2020
Certificate Course	Digital Teaching Techniques	ICT Academy	Aug 2020
Orientation Course	Teaching Methodologies	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	November 2020
Refresher Course	Leadership Governance in Higher Education	Annual Refresher Programme in Teaching (ARPIT), MHRD, Government of India	2020-2021.
UGC Approved Short Term Professional Development Programme	Implementation of NEP-2020 for University and College Teachers	Indra Gandhi National Open University, NewDelhi.	21 – 29 September 2022

Projects

Completed

Project Title	Agency	Amount	Duration
Growth inhibition & induction of apoptosis in MCF-7 breast cancer cells by <i>Solanum xanthocarpum</i>	UGC	Rupees. 3, 10,000	2013-2015

On-going

Project Title	Agency	Amount	Duration
	Nil		

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	2
M. Phil.	2	-

Research Publications (Indexed)

International:

1. **Dr.T.Indhumathi.,Ms.M.Ramya., Application of Arthrospira Platensis (Spirulina) As Bio-Fertilizer For Sustainable Agriculture**, International Journal of Applied and Advanced Scientific Research (IJAASR) **Impact Factor: 5.655**, ISSN (Online): 2456 - 3080 Volume 5, Issue 2, 2020,p (38-42) , UGC and Scopus Indexed.
2. J.Divyabharathi.,**Dr. T. Indhumathi.,Anticancer activity of *Andrographis Paniculata* against Human Liver cancer cell line (HEP –G2).**International Journal of Research and Analytical Reviews (IJRAR), (E-ISSN 2348-1269, P- ISSN 2349-5138), June 2019, Volume 6, Issue 2;PP 320-324.Indexed in UGC.
3. **T.Indhumathi., Dr.S.Suja.,Study on invitro Antioxidant potential of *Solanum incanum* fruit extract.** International Journal of Current Trends in Pharmaceutical Research,ISSN: 2321-3760, 2015,3(3): 873-877.(ICV-5).Indexed in GoogleScholars
4. Rajathi.K., S.Suja., **T.Indhumathi** and N.Kannikaparameswari., **Synthesis of silver nanoparticles using *Ocimum kilimandscharicum guerke* and evaluation of its antimicrobial activity.** Scrutiny International journal of microbiology and Bio Technology(2014) ISSN 2349-0101,Vol1,Issue 4;pp 37-42. Indexed in GoogleScholar.
5. **T.Indhumathi** and S.Mohandass.,**Efficacy of Ethanolic extract of *Solanum incanum* fruit extract for its antimicrobial activity.** Int.J.Curr.Microbiol.App.Sci(2014) ISSN: 2319-7706, 3(6) 939-949. Indexed in GoogleScholar.
6. **Indhumathi.T., Rajathi.K., A study on synthesis of silver nanoparticles from *Murraya Koengii* leaf and its Antifungal activity.**International journal of Drug discovery and Research, July-September 2013,5(3):229-233. Indexed in UGC.

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7. **Indhumathi.T., Rajathi.K., A study on synthesis of silver nanoparticles from *Murraya Koengii* leaf and its Antifungal activity.**International journal of Drug discovery and Research, July-September 2013,5(3):229-233. Indexed in UGC.
 8. **Rajathi.K, Indhumathi.T,Antiulcer activity of *Premna Serretifolia* against aspirin induced gastric ulcer model.**International research Journal of Pharmacy, Vol 4(6), May2013, pp 171-173.Indexed in Scopus.
 9. **Indhumathi.T., Dr.S.Mohandass.,Identification of bioactive compounds in *Solanum incanum* fruit by thin layer chromatography and HPTLC.**International Journal of Scientific Research, ISSN 1227-8179,Vol 2,Issue 6,June 2013,pp 22-25. (**Impact Factor-0.3**)Indexed in Google Scholar.
 10. **Rajathi.K, S.Suja and Indhumathi.T, Protective Role of *Plectranthus Amboinicus* in Alluminium-Induced neurotoxicity.**International Journal of Medicine and Pharmaceutical sciences,ISSN 2250-0049, Vol.3,Issue 1, Mar2013,pp 13-20.indexed inSCOPUS and UGC.
 11. **N.Kannikaparameswari, Indhumathi.T, Haematological and Cytotoxic effect of the ethanolic extract of *Vitex negundo*.** International journal of lifesciences Biotechnology and Pharma Research, ISSN-2250-3137, Vol.2, No.1, January2013 .247-253.indexed in Web of Science.
 12. **Indhumathi.Tand Kannikaparameswari.N.,Hematopoietic study of the methanolic root extract of *beta vulgaris* on albino Rats.**International Journal of pharma and Biosciences, ISSN 0975-6299,Oct;(4)(B) 1005-1015.(Impact Factor-0.47). Indexed in Embase(Elsevier)
 13. **Indhumathi.T, Ms. Sreetha erattarakkal., Antioxidant activity of *Gloriosa superba* against paracetamol induced toxicity in experimental rats.** International Journal of Pharma Sciences and Research (IJPSR) ISSN: 0975-9492 Vol.2 (12), 2011, 214-217.index in Embase(Elsevier)

National:

14. **Dr.T.Indhumathi., Dr.S.Suja ., Mrs.Smitanair.,Inhibitory Mechanism of *SolanumXanthocarpum* Fruit In MCF-7 Breast Cancer Cell Line. Journal of Emerging Technologies and Innovative Research (JETIR), JETIR July 2021, Volume 8, Issue 7; ISSN-2349-5162. Impact Factor:7.95. UGC Care Approved**

15. K. Jeevika, R. A. Sobiya, **T. Indhumathi**, S. Kathiravan.,**Feasibility of nano-scaffold for Covid-19 infected lung tissue regeneration: A review.**Asian Journal of pharmacy and Pharmacology 2021, Vol: 7(3),Issue: 3 (May- June) (ISSN: 2455-2674).UGC indexed
16. R.A. Sobiya ., R. Ponsankaran ., **Dr.T. Indhumathi.Comparative Analysis of Protein In Glandless and Degossypolized Glanded (Crude And Milk Powder) of Cottonseed Species of *Gossypium Hirsutum*.** Journal of Emerging Technology and innovative research, Vol 8, issue 5, ISSN No: 2349-5162, f678-690, may 2021.
17. **Dr.T.Indhumathi.,** R.Praveen Kumar R.Mahavidhya.,***Trichoderma* as a Biocontrol agent against *Fusarium* fungal diseases.** Journal of Emerging Technology and innovative research, Vol 8, issue 5, ISSN No: 2349-5162, a863-869, may 2021.UGC Indexed.
18. **Dr.T.Indhumathi.,** R.Ponsankaran.,R.A.Sobiya., **Worldwide Threatening to Mankind-SARS CoV-2 and it's Attributes,** Journal of Pharmaceutical Science and Research (JPSR), Vol. 12(7), 2020, 941-947. ISSN:0975-1459.
19. **Indhumathi.T.,** Dr.S.Mohandass., Shibi.A., **Acute Toxicity Study of Ethanolic Extract of *Solanum Incanum. L* Fruit.** Asian Journal of Pharmaceutical and Clinical Research,ISSN - 0974-2441, Vol 7, Issue 2, 2014,PP-98-100. Indexed in Scopus and UGC.
20. **Indhumathi.T,** Sruthi. G, Dr.Mohandass.S., **Comparative phytochemical analysis and free radical scavenging activiy in different extracts of peel and pulp of *Actinidia chinensis*.** Asian Journal of Pharmaceutical Science and Clinical Research, Issue 4, Supply 1 2011. Indexed in Scopus and UGC (Impact Factor- 0.32).
21. **Indhumathi.T.,** Dr.Mohandass.S, **Hepatoprotective efficacy of *gloriosa superba* against paracetamol treated experimental rats-An *invivo* study,** Indian Streams Research Journal, 2011,Vol.1,Issue.III, pp:155-157ISSN No-2230-7850. Indexed in Google Scholar.
22. **Indhumathi.T.,** Shilpa.K., Dr.Mohandass.S; **Evaluation of Nephroprotective role of *Boerhaavia diffusa* leaves against mercuric chloride induced toxicity in experimental rats.** *Journal of Pharmacy Research* 4(6),1848-1850, 2011. Indexed in Scopus. (Impact factor 2.36)

23. **Indhumathi.T.,** Dr.Mohandass.S and Rajathi.K. **Preliminary Phytochemical screening and Antimicrobial Activity of *Spermacoce hispida L.*** *Research Journal of Biological Sciences*, April -June2011, ISSN No: 0974-4177pp:46-50.

Other Publications: International / National Journals

- T.Indhumathi., K.Rajathi.,Opportunities in Higher Education National Conference on Higher Education in India-Changes and Challenges, Bharathiar University, ISBN No:978-81-920808-3,Pp149-153. Conference Publication.
- N.KannikaParameswari., T.Indhumathi., Practical based Learning in Higher Education. Two-Day International Conference on “Quality Changes Through Research-Experiences, Expectations & Enhancement” Organized by Dr.N.G.P College of Education & Dr.N.G.P Arts and Science College, Coimbatore ISBN No:-978-81-920808-5-7 pp:1041-1046. Conference Publication

Presentations in Conference

1. Natural Biopreservative agent prepared using Chitosan- **International Conference** on Confluence of Science and Technology held on 10th October 2022 organized by Department of Biochemistry, Bharathidasan Arts and Science College, Erode.
2. An Overview of IOT Based on Pesticides in Agriculture- two days **National Conference** on AI and IOT for Agriculture Innovation and Environment Sustainability (NCAIAIES-22), D.N.G.P Arts and Science College, Coimbatore during 25-26th August 2022.
3. Annona Muricata- A Systemic Review Of Its Research History And Future Prospects, **International Conference** on “Contriving Therapeutics Drugs from Medicinal Plants (CTDMP-2020)”, Sree Narayana Guru College, Coimbatore , 12- Feb- 2020.
4. The Study of Antioxidant And Anticancer Activity of Anthocyanin From Banana Extract, **National Conference** on “Interdisciplinary Advances in Biological Sciences”, Bharathidasan College of Arts and Science, Erode, 12- Jul- 2019.
5. **International Conference** on Challenges in Biomedicine (ICMM -2019) , Sree Narayana Guru College, Coimbatore , 30- Jan - 2019.
6. **International Conference** on “Environment, Genes, Health,& Diseases -2017” Department of Human Genetics and Molecular Biology Bharathiar University, 22nd – 24- Aug- 2017

7. **UGC-CPE Sponsored** National Conference on “Novel Approaches in Phytomedicine” organized by Department of Biochemistry, Kongunadu Arts and Science College, Coimbatore-29, 1- Mar- 2016.
8. **National Conference** on Innovative Approaches In Biosciences” Organized by Department of Microbiology, Sree Narayana Guru College, Coimbatore, 26- Feb- 2016.
9. **National Seminar** on “Emerging Trends in Biological Innovations” Organized by PG & Research Department of Biochemistry, Bharathidasan Arts and Science College, Erode
10. **One Day International Seminar** on “Infection and Immunity” organized by Department of Biotechnology, S.N.R.Sons College, Coimbatore , 18th February 2015.
11. **Two-Day International Conference** on “Quality Changes through Research-Experiences, Expectations & Enhancement”, Dr.N.G.P College of Education & Dr.N.G. P Arts and Science College, Coimbatore on Practical based Learning in Higher Education, 14- Mar- 2014 and 15- Mar- 2014.
12. **National Seminar** on “Bioprospecting for Today’s World” , Bharathiar University, Coimbatore-46, 8- Jan- 2014
13. **National Conference** on “Recent Trends in Medicinal plants and Their Products”, Dr.N.G.P Arts and Science College , 18- Sep- 2013.
14. **National Conference** on “Phyto Drugs and Human Healthcare” sponsored by Ministry of Earth Sciences, Anna University, Regional Centre, Coimbatore-47, 22- Aug- 2013 and 23- Aug - 2013.
15. Comparative Phytochemical Analysis and *In Vitro* Free Radical Scavenging Activity of *Solanum Xanthocarpum* Seed and Fruit,**International Seminar** on “Synergistic effect of beneficial micro lives with Multidisciplinary Approaches”, Hindustan College of Arts and Science, Coimbatore, 31- Jan - 2013.
16. Hepatoprotective Activity of Six Polyherbal Formulations in Ccl₄ – Induced Liver Toxicity in Mice, **UGC Sponsored National Level Seminar** on Emerging Trends in Plant Biotechnology, , Government Arts College, Coimbatore.
17. 9th **National level biological Congress** on “Biotechnology: great Expectations & Achievements” organized by the Centre of biotechnology, Muthayammal College of Arts & Science College Rasipuram.
18. **State Level seminar** Cum Exhibition on Herbal Resources & Remedies”, Department of Botany, NGM College, Pollachi , 03 -Sep- 09.
19. Isolation of Xylo - Oligosaccharides From Rice Bran and Determination of Their Antioxidant Activity, **National Seminar** on “Bio Gmo Challenges” Department of Biotechnology, School of Life Sciences, Karpagam University, 1- Oct- 09.
20. An Anticancer Drug Cis-Platin Induced Nephrotoxicity-An *In vivo* Study, **National Cancer Congress:** Genetics, diagnosis and therapy ,, Dr.N.G.P Arts and Science College , Coimbatore, 20- Aug- 09 and 21 - August 09.

21. . Optimization and Production of Invertase From *Aspergillus Niger* Under SSF, **International Seminar on** Inculcating Innovations,Dr.N.G.P Arts and Science College, Coimbatore, 6- March - 2009.
22. Microbial Biotechnology, **National Level Conference** on Biotechnology- Implications and Realities held at the Sri Krishna Arts and science College on 30-Jan-09.
23. Mercuric Chloride Induced Molecular Losses –an In Vitro Study”, 6th **National Symposium** on Modern Biological Sciences , SNMV College of Arts and Science College, Coimbatore , 28-Jan-09 and -Jan-09,.
24. Antimicrobial and Free Radical Scavenging Activity of *Spermacoce Hispida*, Two-days **National Conference** on “ Advanced trends in Biotechnology”, Dr.N.G.P Arts and Science college on December 18- Dec 09 and 19- Dec – 09.

Participation in Conference

International:

1. **International Symposium** , Harnessing Microbes for Human Health and Resource Recuperation , Dr.N.G.P arts and Science College,Coimbatore-48, 7- Aug 2012 and 8- Aug - 2012.

National:

1. **National level Conference** on “Recent Innovation in Nanomedicine & Drug Delivery”, DDU Kaushal Kendra & Department of Applied Science, St.Aloysius College (Autonomous), Mangaluru , 3- Sep- 2018.
2. **National Conference** on Higher Education In India: Changes and Challenges , Association of Principals of colleges of Bharathiar University, Coimbatore, 09-Feb-2013.
3. **National Level Conference** on “Bio-Medical Waste Management” , Department of Hospital Administration, Dr.N.G.P Arts and Science College, Coimbatore-48,28-Sep-2012.
4. **National Level Conference** on “The Role of informed consent in clinical decisions and research in Hospitals”, Department of Hospital Administration, Dr.N.G.P Arts and Science College, Coimbatore-48, 26-Aug-2011
5. IV Louis Pasteur Memorial **National Symposium** on ‘Biopharmaceutical –Their Application in Disease prevention and Health promotion” Dr.N.G.P Arts and Science College,Coimbatore-48 4- Aug- 2011 and 5- Aug- 2011.
6. **National Conference** on “Issues in Higher Education”, Dr.N.G.P Arts and Science College, Coimbatore-48, 29- Oct- 2010.

7. III Louis Pasteur memorial **National Symposium** on “Communicable Diseases and its Control Measures.” Organized by Department of Microbiology, Dr.N.G.P Arts and Science College, Coimbatore-48 4- Aug - 2010 and 5- Aug- 2010.

Participation in Seminars

1. **National Seminar** and workshop on “The Applications of Chromatography for Bioscience Explorations related to Defence Research”, School of Biosciences, Dr.G.R.D College of Science, Coimbatore-14, on December 5-Dec-12 to 7-Dec-12.
2. **One-day seminar** on “Bioscience- A Sustainable Virtue”, Department of Microbiology, Dr.N.G.P Arts and Science College, Coimbatore-48, 24- Feb- 09.
3. One-day **state level seminar** on “Recent Trends In Biochemistry”, Dr.N.G.P arts and Science College, 23-Feb-05.

Participation in Workshop

1. National Workshop on Computer-Aided Drug Design using Medicinal Plants & Nutraceuticals (CADDMPN’23)” conducted by Iyarvi Research Center for Bioinformatics (IRCB), Gobichettipalayam, Erode – 638 452. during 6 to 10th March 2023.
2. National Workshop on “Research in Higher Education Institutions” Organized by the Research and Development Cell of Sree Narayana Guru College, Coimbatore from 11th to 19th August 2021.
3. Workshop on “Applied Bioinformatics- Techniques, Tools and Tasks”, Department of Marine Biotechnology, School of Marine Sciences, Bharathidasan University, Thiruchirappalli, 18- Feb- 2020 and 19- Feb-2020
4. One Day Workshop on “Rural Immersion - Community Engagement”, Mahatma Gandhi National Council of Rural Education, Hyderabad in collaboration with NSS Unit, Dr.N.G.P Arts and Science College, Coimbatore, 21- Sep-2019.
5. National Workshop And Hands on Training In “Western Blotting Technique”, Department of Biochemistry, PSG College of Arts & Science College, Coimbatore, 15- Feb- 2019 and 16- Feb- 2019.
6. Science Academies Lecture Workshop on “Insights In Lifescience”, Department of Biochemistry, Bharathiar University, 22- Jan- 2018 to 24- Jan- 2018.
7. Training Programme on “Basics In Microbial Technology”, South Indian Textile Research Institute (SITRA), Centre of Excellence for Medical Textiles, Coimbatore, 27- Dec-.2017 to 29- Dec- 2017.
8. Two Day Workshop on “Biofertilizer and Vermicomposting For Sustainable Agriculture”, 13- Jul- 2017 & 14- July- 2017.
9. Science Academies Lecture Workshop on “New Horizons In Genome Engineering”, Department of Biotechnology, Nehru Arts and Science College, Coimbatore on 5- Jul- 2017 and 6- July- 2017.
10. Workshop on “Analysis of Spectral Data, Center for Research at Dr.N.G.P Arts and Science College, Coimbatore, 30- Jan-.2017.

11. NAAC Sponsored Two Day National Workshop on “Quality Enhancement In Higher Education is By The Effectiveness of Academic and Administrative Audit Issues and Challenges”, 21- Oct- 2016 & 22- Oct- 2016.
12. One Day National Level Hands Training On “Dna Amplification And Gene Expression Analysis”, PG and Research Department of Biotechnology, Kongunadu Arts and science College, Coimbatore-29, 6- Sep- 2016.
13. Science Academies Lecture Workshop on “Biological Sciences In The 21st Century”, Department of Biochemistry, P.S.G.College of arts and Science, Coimbatore , 23- Jan - 2015 and 24- Jan- 2015.
14. One Day National Level Workshop on “Computer Aided Drug Designing”, Department of Biotechnology, S.N.R Sons College, Coimbatore, 20- Jan- 2015.
15. One Day National Level Workshop on “Bioinstrumentation and Plant Tissue Culture Techniques, Department of Biotechnology, S.N.R. Sons College of Arts and Science, Coimbatore March 2014.
16. One Day Workshop On “Organic Chemistry Lab”, Department of Chemistry, Karunya University, Seruvani, 5- Sep- 2012.
17. Two Days Workshop On Molecular Techniques, Department of Biochemistry and Clinical laboratory Technology, Dr.N.G.P Arts and Science College, 7- Feb- 2011 and 8- Feb- 2011
18. Bio Entrepreneurship Summit-2010, Dr.N.G.P Arts and Science College, Coimbatore-48, 18- Mar- 2010.
19. One Day Hands-on Workshop on SPSS, Center for Research and Development, Dr.N.G.P Arts and Science College, Coimbatore-48 , 13- Mar- 2010.
20. Hands on Training In Herbal Drug Standardization Using HPLC and HPTLC, KMCH College of Pharmacy, 19- Nov- 2010.
21. ICMR Sponsored Two Day National Workshop on Critical Perspectives on Research Methodology in Biomedical Sciences, Department of Biotechnology, school of Biotechnology and Health Sciences, Karunya University, Coimbatore, 7- Oct- 09&08- Oct- 2009.

Participation in Faculty Development Programme

1. Professional Development Programme on ‘Implementation of NEP 2020 for University and College Teachers’ held from 21-29 September, 2022, organized by Indira Gandhi National Open University, Staff Training and Research Institute of Distance Education New Delhi 110068.
2. Seven Days National Level FDP on “Teaching & Learning Process in Higher Educational Institutions” held from 6th to 14th Sep 2022 organized by IOT Academy, Coimbatore, TamilNadu, India.

3. Seven Day FDP on “Recent Advances in Chemistry” held from 27th Dec 2021 to 4th Jan 2022 organized by Department of Chemistry, School of Science, RK University, Rajkot, Gujarat.
4. FDP entitled “How to Open Trading & Demat Account” organized by Department of Commerce (BPS) and Centre for Faculty Development, DR.N.G.P Arts and Science College, Coimbatore-48.
5. Seven Days Online FDP on Research Methodology and pedagogy for Tertiary Education during June 5 – 21, 2021 organized by IQAC & Centre for Faculty Development, DR.N.G.P Arts and Science College, Coimbatore-48.
6. Participated in Three days National Level Virtual Faculty Development Programme on “NEP Implementation for Internal Quality Assurance in HEI” organized by Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore from 14- 16 Dec 2020.
7. Participated in 8 Day National Virtual Faculty Development Programme on “NAAC Process on Quality Advancement” organized by Internal Quality Assurance Cell of Sree Narayana Guru College of Arts and Science in Collaboration with IQAC of Bharathiar University, Coimbatore from 11 -18 Dec2020.
8. Participated in Seven Days Virtual FDP on Smart Technologies for Dug design, Energy and Environment(IFSDE-2020) organized by Department of Science and Humanities(Chemistry),Kumaraguru College of Technology, Coimbatore conducted from 01.to 07 September 2020.
9. Participated in International Virtual Faculty Development Programme on “Contemporary and Advanced Research in Life science” hosted by Department of Microbiology, Karpagam Academy of Higher Education, Coimbatore on 04.June2020 to 05 June 2020.
10. “Innovative Strategies in Everyday Classroom Teaching/Learning of Languages”, Bharathiar University Arts and Science College, Pollachi on 16-May-2020.
11. “Recapitulating Billion Years of Bharathiya Wisdom for Molding Millennids”, Arasu Women’s College (Arts and Science , B.Ed) in association with Shiksha Sanskriti Utthan Nyas(SSUN), TamilNadu on 08 - May- 2020 to 12- May- 2020.

12. “Quality Measures In Higher Education”, Faculty Development Cell at Dr.N.G.P Arts And Science College, Coimbatore, 3 – 9thDecember 2018
13. “Intellectual Property Rights: Issues & Challenges” Organized By Department Of Biochemistry, PSG College of Arts And Science, Coimbatore , 2ndSeptember 2016.
14. UGC-CPE Sponsored Faculty Development Programme, Internal Quality Assurance Cell (IQAC), Kongunadu Arts and Science College, Coimbatore-29 on 24thMarch 2016.
15. RET SPECIES, Department of Botany, P.S.G.College of Arts and Science, Coimbatore.
16. Faculty Development Programme , Dr. N.G.P Arts And Science College, Coimbatore, 05thJuly 2008, 05th Dec 2008 and 9thJanuary 2009.

Conference / Seminar / Workshop Organized

1. **Organizing Secretary**, National Science Day Celebration -2019, under DBT-Star College Scheme, Dr.N.G.P Arts and Science College, Coimbatore,28- Feb - 2019 .
2. **Organizing Secretary**, National Symposium on Graduate Research -19(NSGR-19), under DBT-Star College Scheme, Dr. N.G.P. Arts and Science College, Coimbatore, 26-Feb- 2019& 27- Feb - 2019.
3. **Organizing member**, DST Sponsored Inspire Science camp, Department of Biochemistry, Dr. N. G. P Arts and Science College, 26- Dec- 2017 to 30- Dec - 2017.
4. **Organizing member**, Science Academies Lecture Workshop on “DNA Technologies in Revisiting Biology”, 27- Jul- 2017 to 29- Jul- 2017.
5. **Organizing member, DST Sponsored INSPIRE Science camp** -2016, Department of Biochemistry, Dr. N. G.P Arts and Science College, 22- Dec- 2016 to 30- Dec- 2016.
6. **Organizing member**, DBT Sponsored National conference on “Changing Disease Profile: Challenges Facing Basic and Translational Research in India”, Dr.N.G.P Arts and Science College, 5- Oct- 2016 and 6- Oct- 2016.
7. **Organizing member**, Science Academies Lecture Workshop on “Trends in Modern Biology”, Dr.N.G.P Arts and Science College, Coimbatore, 16- Sep- 2016 to 17- Sep- 2016.

8. **Organizing member**, Workshop on “The Sahyadri Freshwater Biodiversity Conservation” conducted by Eco Club , Dr.N.G.P Arts and Science College, Coimbatore, 10- Feb- 2016.
9. **Organizing member**, National Conference on “Role of Biopharmaceuticals in Achieving Health by 2020” Dr.N.G.P Arts and Science College, Coimbatore, 10- Jul- 2015 and 11- Jul- 2015.
10. **Organizing member**, Science Academies Lecture Workshop on “Emerging Trends in Biological Sciences” Department of Biochemistry, Dr.N.G.P Arts and Science College, Coimbatore, 7- Oct- 2014 to 9- Oct- 2014.
11. **Organizing member, DST Sponsored INSPIRE Science camp -2014**, Department of Biochemistry, Dr.N.G.P Arts and Science College, 21- Jul- 2014 to 25- Jul- 2014.
12. **Organizing member, DST Sponsored INSPIRE Science camp-2013**, Department of Biochemistry, Dr.N.G.P Arts and Science College , 18- Nov- 2013 to 22- Nov-.2013.

Member in BoS

- Board of Biochemistry, Dr.N.G.P Arts and Science College, Coimbatore, since 2018.

Books/Book Chapter Published

S.No:	Month & Year	Title	Authors	Publisher	ISBN
1	February 2023	Biopolymeric Nano materials in Cancer Treatment: A Mechanistic Approach	Rajathi K. Indhumathi T. Kannikaparameswari N	LAP LAMBERT Academic Publishing	978-620-6- 14597-4
2.	March 2023	Karyotyping- Morphological Assessment	Indhumathi T. Rajathi K. Kannikaparameswari .N	LAP LAMBERT Academic Publishing	978-620-6- 15153-1
3.	March 2023	Development of polyherbal formulation for Antidiabetic Activity	Kannikaparameswari N Rajathi K. Indhumathi T.	LAP LAMBERT Academic Publishing	978-620-6- 14700-8

Delegate/Keynote speaker

- ✓ Guest Speaker in Webinar on the topic “Covid Immunization” Organized by Department of Biochemistry, Centre for Research and Development, IQAC and IIC, Vivekananda College of Arts and Science for Women, Thiruchengode on 09.06.2021.

Awards/Recognition

- ✓ Received **Young Scientist Award 2022** by Institute of Researchers, Kerala on 22nd June 2022.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Pharma Research Library (Member ship ID: PRLM1830)	Life Member	
Indian Association of Applied Microbiologist (No: IM-348)	Life member	
Institute of Researchers, Kerala (Membership No: LM052208)	Life Member	