

RESUME



1. **Name** : **Dr. R. Anuradha**
2. **Address (Residential)** : 4/844 West Street,
Rajagopalapuram,
Radhanarasimmapuram (Post)
Mannargudi (Tk) –614 020. Thiruvarur Dist.,
,Mail ID : mathianuradha@gmail.com
Mobile No. 6379225916
Whatsapp No. 9003838963
3. **Designation** : Associate Professor & Head
4. **Department** : Biochemistry
5. **Age & Date of Birth** : 46 & 15.07.1978
6. **Area of Specialization** : Phytopharmacology
7. **Educational Qualifications** : M.Sc., M.Phil., Ph.D.,

Exam Passed	Board/University	Subjects	Year	Division/Grade Merit etc.
High School	State	Tamil, English, Maths, Science, History and Geography	1993	69 %
Higher Secondary	State	Tamil, English, Maths, Physics, Chemistry, Biology	1995	65 %
Bachelor's Degree	B.Sc.,	Bharathidasan University, Tiruchirappalli	1998	Biochemistry
Master Degree	M.Sc.,	Bharathidasan University, Tiruchirappalli	2000	Biochemistry
Research Degree	M.Phil.,	Bharathidasan University, Tiruchirappalli	2005	Chemistry
	Ph.D.,	Bharathidasan University, Tiruchirappalli	2012	Biochemistry

RESUME

8. Total Teaching Experiences on 30.10.2023

S. No.	Name of the Institution	From	To	YY/MM/DD
1	S.T.E.T Women's College (Autonomos), Sundarakkottai, Mannargudi	07.08.2000	Till Date	23/02/23

9. Total Teaching Experience as on 30.10.2023

Name of the Institution	From	To	Subjects Taught
S.T.E.T Women's College (Autonomous), Sundarakkottai, Mannargudi	07.08.2000	Till Date	Biomolecules, Biochemical Techniques, Nutritional Biochemistry, Basics of Biochemistry, Human Physiology, Pharmaceutical Biochemistry, Clinical Biochemistry, Bioenergetics and Metabolism, Basic Biotechnology, Microbiology, Molecular Biology, Immunology, Herbs and Drug Action, Analytical Techniques, Genetic Engineering, Cell Biology and Physiology, Immunology, Biotechnology, Biostatistics, Bioinformatics

10. Orientation / Refresher courses attended: -

1. Annual **Refresher Programme** in Teaching (ARPIT) – March 2019 Online Certification funded by the Ministry of HRD, Govt. of India: Biotechnology – Conducted by SWAYAM from Dec. 2018 to Mar. 2019.
2. UGC-Sponsored **Refresher Course** in Biochemistry & Biotechnology organized by the UGC –Human Resource Development Centre (HRDC), Bharathidasan University, Tiruchirappalli (on line mode) from 07.10.2022 to 20.10.2022
3. **Orientation Course** on Soft Skill Development conducted by A.V.C College (Autonomous), Mayialaduthurai from 17.04.2013 to 20.4.2013.
4. **Orientation Course** on Methods & Techniques in Research conducted by A.V.C College (Autonomous), Mayialaduthurai from 20.04.2014 to 23.04.2014.

11. Conferences attended : 28

1. Presented a paper on Wound Healing Activity of Patulitrin from Flowers of *Tagetes erecta* (L.). in the National conference on The Role of Indian Medicinal Plants and Indian Systems of Medicine on Rural Health held on 8-10 th February 2007 A.Veeriya Vandayar Memorial Sri Pushpam College, Poondi.
2. Participated in Symposium on “Bioresources in the Development of Medicine” and 28th Annual Conference of Indian Association of Biomedical Scientists organized by National Facility for Marine Canobacteria, Bharathidasan University Trichy on September 20-22nd 2007, 2007.
3. Presented a paper entitled Chemical constituents of ethyl acetate extract of *Pongamia pinnata* Linn in the UGC Sponsored National Conference on Recent Advances in Chemistry held on 18th September 2009 at PG and Research Department of Chemistry, Bishop Heber College, Tiruchirappalli.
4. Presented a paper on Effect of protocatechuic acid on Cadmium chloride induced toxicity in rats in the National conference on Natural resources and Human Health organized by Department of PG and Research Department of Chemistry and Biochemistry, Enathi Rajappa College, Pattukkottai during 29th and 30th October 2012.
5. Presented a paper on Potential of *Tithonia diversifolia* on liver antioxidant defense system in acetaminophen induced liver toxicity, National conference on Modern Biology and environment Ambien-2013, organized by Department of Zoology, H.H The Rajah’s Government College (Auto), Pudukkottai during 7th and 8th February 2013.
6. Presented a paper entitled Hepatoprotective effect of *Ixora coccinea* on lead acetate induced liver damage in experimental rats, ICMR Sponsored National conference on Recent advances in herbal drug research & sustainable health care, Periyar Maniyammai University, Vallam, Thanjavur from 8th & 9th March 2013.
7. Presented a paper entitled Current status of Nanomedicine and Medical Nanorobotics in UGC Sponsored National conference on Current Approaches and Challenges in Nanomaterial and Nanomedicine organized by PG and Research Department of Biochemistry, Rajah Serfoji Govt college (Auto), Thanjavur from 29th & 30th August 2013.
8. Presented a paper entitled Multidimensional Causes of Malnutrition in India in the National Conference on Advances in the Management and Prevention of Clinical Disorders due to Malnutrition, Rajah Serfoji Govt college (Auto), Thanjavur from 7th to 8th February 2013.
9. Participated and presented a paper on Antibacterial activity of flavonoid patulitrin isolated from *Tagetes erecta* plant on selected pathogenic bacteria in the National Conference on Phytochemicals in medicinal plants and food sponsored by TNSCST and BIOELIXIR organized by the Department of Biochemistry held on 30th & 31st July 2015 at Bharathidasan University Constituent College for Women, Orathanadu.

RESUME

10. Participated and presented a paper on “Isolation of flavonol glycoside astragalin from the flower extracts of *Pongamia pinnata*” in the International Conference on Clinical Research (ICCR-2016) organized by Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli on 25th January 2016.
11. Participated and presented a paper on Bioinformatical tools on identification of deleterious mutations in OCA2 gene of Albinism in the National Conference on Contemporary Advances in Biotechnology and Bioinformatics organized by the Department of Botany and Biotechnology, Bon Secours College for Women, Thanjavur on 21st & 22nd December 2015.
12. Participated National Symposium on Medicinal and Aromatic Plants (NASYMP'17) St. Joseph's College (A), Trichy on 15.02.2017.
13. Participated and presented a paper on Effect of *Adathoda vasica* Nees on Ova Induced Asthma In Mice in the National Conference on Recent Advances in Modern Biology & Rural Development (RAMBARD-2017) organized by A.V.V.M Sri Pushpam College, Poondi on 05.10.17 & 06.10.17.
14. Participated and presented a paper on GC-MS/MS Analysis And *In Vitro* Anti-Diabetic Activity of Leaves of *Trigonella foenum-greacum* in the National Conference on NATCON-2018 organized by Mohamed Sathak Group of Institutions, Chennai on 24.01.18 & 25.01.18.
15. Participated and presented a paper on Hepatoprotective Effect of Protocatechuic Acid on Cadmium Chloride Induced Toxicity in Rats in the UGC Sponsored National Conference on Phytochemicals in Medicinal Plants and Food (MEDFOOD'18) organized by Bharathidasan University Constituents College for Women, Orathanadu on 01.02.18.
16. Participated and presented a paper on Synthesis of Silver Nanoparticles from the Aqueous Extract of Leaves of Using Leaf Extract of *Ocimum sanctum* for Antibacterial Activity in the International Conference on New Frontiers and Challenges in Environmental Sciences (BIOENVIRON-2018) organized by Marudupandiyar Institutions, Thanjavur on 11.02.18 & 12.02.18.
17. Participated and presented a paper on In vitro anti- inflammatory and thrombolytic potential of leaf extract of *Andrographis paniculata* in the International Conference on the New Vistas in Life Sciences organized by Holy Cross College (A), Tiruchirappalli on 11.09.2018.
18. Participated and presented a paper on Identification and Phytochemical Evaluation of Ethanolic Extract of *Indigofera aspalathoides* (Shivanar Vembu) in the International Conference on Cancer Inferno and its Prevention Strategies (ICCIPS-2019) organized by Periyar EVR college. Tiruchirappalli on 22.02.2019.
19. Participated and presented a paper on *In vitro* Anti-inflammatory and Thrombolytic Potential of leaf extract of *Andrographis paniculata* in the National Conference on Recent Trends in Chemical Biology and Therapeutics organized by Department of Biochemistry and Chemistry, Idhaya College for Women, Sarugani on 09.08.2019.

RESUME

20. Participated and presented a paper on Chemical Profile by LC-MS/MS and antibacterial activity of *Indigofera aspalathoides* in the International Conference on Emerging Trends and Innovations in Chemistry organized by Department of Chemistry, S.T.E.T Women's College, Mannargudi on 20.08.2019.
21. Participated and presented a paper on Phytochemical Screening and cytotoxic evaluation of *Aegle marmelos* on hepatocarcinoma cell line (Hep G2) in the International Conference on Novel Approaches in Cancer Research and Therapy organized by PG and Research Department of Biochemistry, S.T.E.T Women's College, Mannargudi on 26.09.2019.
22. Participated and presented a paper on Survey on Prevalence of Anaemia through screening amongst the adolescent Girls in and around Sundarakkottai relation to Economics and Food Habits in the National Conference on Next Generation Nutrition organized by Department of Nutrition and Dietetics, S.T.E.T Women's College, Mannargudi on 27.09.2019.
23. Participated and presented a paper on Anti-inflammatory activity of Dimethyl cardamonin on formalin induced paw edema in rats in the International Conference on Natural Therapeutics (ICNT-2020) organized by Dharmapuram Gnanambigai Govt. Arts College (W), Mayiladuthurai on 06.02. 2020.
24. Participated and presented a paper on Phytochemical screening and cytotoxic evaluation of *Aegle marmelos* on hepatocarcinoma cell line (Hep G2) in the International Conference on Phytotherapeutics (ICPT-2023) organized by PG and Research Department of Biochemistry, S.T.E.T Women's College, Mannargudi on 10.02.2023.
25. Participated and presented a paper on Antibacterial activity of different extracts of *Trichosanthes cucumerina* Linn. in the International Conference on "Converging Research Approaches in Life Sciences for Future Advancement (CRALSFA-2023) organized by PG and Research Department of Microbiology, S.T.E.T Women's College, Mannargudi on 15.02.2023.
26. Participated and presented a paper on Efficient synthesis of silver nanoparticles from *Aegle marmelos* Linn. leaf extract and its anticancer activity against human breast cancer cell line (MCF-7) in the National Conference on "Recent advances in Chemistry"(NCRAC-2023) organized by Department of Chemistry, S.T.E.T Women's College, Mannargudi on 07.03.2023.
27. Participated and presented a paper on Nutritional value, phytochemical content, and antioxidant activity of *Camellia sinensis* in the National Conference on Recent Advances in Value Addition and Food Processing (NCFP-2023) organized by Department of Nutrition and Dietetics, S.T.E.T Women's College, Mannargudi on 23.03.2023.

RESUME

28. Participated and presented a paper on *Ctenolepis garcinii* - Green Synthesized Silver Nanoparticles Induced Apoptotic Cell Death in MDA-MB-231 Breast Cancer Cells by Generating Reactive Oxygen Species and Activating Caspase 3 and 9 Enzyme Activities. in the Two Days International Conference on Unveiling the Frontiers in Life Science Hybrid Mode, organized by Department of Bio-Chemistry & PG & Research Department of Microbiology, Shrimati Indira Gandhi College, Tiruchirappalli on 17th & 18th August 2023

12. Seminars attended:

34

1. Participated in National level seminar on Recent trends in biochemistry on 23rd August 2003 organized by PG and Research Department of Biochemistry, Ponnaiyah Ramajayam College, Thanjavur.
2. Presented poster entitled “Influence of certain chemicals on the growth of *Arachis hypogea*” in National seminar on “Trends in Modern Biology” at Department of Plant Science, Bharathidasan University, Trichy on 15th March 2007.
3. Presented a paper on Wound Healing Activity of Quercimeritrin From *Tithonia diversifolia* flower extract in National Seminar on Past, Present and Future Scenario in Medicinal Plants and Phytochemistry organized by Department of Plant Science, Bharathidasan University, Trichy, on 22-23rd March, 2007.
4. Presented a paper entitled Isolation and Identification of the major chemical component and antibacterial activity of *Cassia auriculata* Linn in the State level seminar on Recent trends in Chemistry conducted on 22nd August 2008 organized by PG and Research Department of Chemistry, A.Veeriya Vandayar Memorial Sri Pushpam College, Poondi.
5. Presented a paper on Nephroprotective effect of methanolic extract of *Pongamia pinnata* on lead acetate induced nephrotoxicity in male albino rats in CSIR and ICMR sponsored seminar on Future Prospective of Natural Products and Food as Medicine held on 1st and 2nd April 2011 organized by PG and Research Department of Zoology, Rajah Serfoji Govt college (Auto), Thanjavur.
6. Presented a paper on “Phytochemical investigation and analgesic activity of ethyl acetate extract of flowers of *Lawsonia inermis* Linn” in National Seminar on “Biotechnological and Nanotechnological approaches in food processing” organized by S.T.E.T Women’s College, Mannargudi, on 21st January 2012.
7. Presented a paper on “Hypoglycaemic Effect of *Cassia auriculata* Linn. flowers on Streptozotocin Induced Male Albino Rats” in National Seminar on “Herbal Focus-2014” organized by Srimad Andavan Arts and Science College, Thiruvani Kovil, Tiruchirappalli, on 13th & 14th February 2014.
8. Participated in the National Seminar on “Cloud Computing” held at S.T.E.T Women’s College, Mannargudi, on 26.09.2014.

RESUME

9. NAAC sponsored two-day seminar on Modern Education and Research Tools in Higher Education organized by the Internal Quality Assurance Cell, M.R.Government Arts College, Mannargudi on 24th & 25th July, 2015.
10. Participated in State level seminar on “Recent Advances in Biochemistry” organized by the Department of Biochemistry, Rabiammal Ahmad Mohaideen College for women held on 22nd January 2015.
11. Participated in the state level one day seminar on “Emerging Trends in Biosciences and Future Prospects organized by School of Biosciences, Marudhupandiyar College, Thanjavur on 26th February 2015.
12. Participated and presented a paper on “Fractionation And Separation of Flavonol And Flavonol Glycoside From The Flower Extracts of *Tithonia Diversifolia* Hemsl.” in International Seminar on New Frontiers and Challenges in Environmental Sciences (Bioenviron-16) organized by Marudupandiyar College, Thanjavur on Feb 11th & 12th 2016.
13. Participated and presented a paper on “Protective role of *Tagetes erecta* on lead acetate induced oxidative injury in rat liver in the International seminar on Recent Trends in Biosciences held on 21st & 22nd July 2016 organized by the Department of Biochemistry and Chemistry, Idhaya College for Women, Sarugani.
14. Participated in the International Seminar on Frontiers in Biological Sciences organized by St.Joseph’s College (A), Trichy on 16.12.2016.
15. Participated in the One Day International Seminar on Chemical Biology organized by PRIST University, Vallam Thanjavur on 29.12.2016.
16. Participated and presented a paper on “Antibacterial and antifungal activity of *Wattakaka Volubilis*” in the one day National seminar on “ Awareness on Pathogen Carriage, Prevention and Personal Health Promotion among Rural Adolescent Learners of Higher Education” Sponsored by the ICMR organized by the Research Department of Microbiology, M.R. Govt. Arts College, Mannargudi on 28.07.17.
17. Participated and presented a paper on HPLC analysis of ethanol extract of *Sesbania grandiflora* in the International Seminar on Microbes, Microbial Processes and Products (MMPP-17) organized by the PG & Research Department of Microbiology, S.T.E.T Women’s College, Mannargudi on 12.09.17.
18. Participated and presented a paper on Isolation and Structural Elucidation of Flavonoid From *Pongamia Pinnata* Using NMR in the National Seminar on Herbal Drug Development organized by the PG & Research Department of Biochemistry, S.T.E.T Women’s College, Mannargudi on 22.09.17.
19. Participated and presented a paper on GC-MS analysis of bioactive compounds in methanolic extract of *Cassia auriculata* in the National Seminar on Recent Trends in Chemistry organized by the Department of Chemistry, S.T.E.T Women’s College, Mannargudi on 20.12.17.

RESUME

20. Participated and presented a paper on Phytochemical Analysis and Antibacterial Activity of *Nelumbo nucifera* Against Food-Borne Pathogens in the One day National Level Seminar on Current Perspectives in Biological Sciences organized by the Department of Biochemistry, RA College for Women, Thriuvavur on 24.01.18.
21. Participated and presented a paper on Preliminary Phytochemical Screening of *Syzygium aromaticum* in the National Seminar on Current Perspectives and Challenges in Biological Sciences (NCPCBS) organized by Rajah Serfoji Government College (A), Thanjavur on 6.3.18.
22. Participated in the ICSSR sponsored one day National Seminar on GST and its Impact organized by the Department of Commerce, S.T.E.T Women's College, Mannargudi on 04.01.2018.
23. Participated and presented a paper on Preliminary Phytochemical Screening of *Syzygium aromaticum* in the National Seminar on Current Perspectives and Challenges in Biological Sciences (NCPCBS) organized by Rajah Serfoji Government College (A), Thanjavur on 06.03.18.
24. Participated in the National Seminar on New advancement in Chemical and Biological Science organized by the Idaya College for Women, Sarugani, Pudukkottai on 26.07.18 & 27.07.18
25. Participated in the Department of Biotechnology, Ministry of Science & Technology ICSSR sponsored one day National Seminar cum Workshop on Biological and Medical Applications of Foldscope and Mycorrhizal Commercial Productions organized by the Research Department of Microbiology, M.R. Govt. Arts College, Mannargudi on 31.01.19.
26. Participated in the One day National Seminar cum Workshop on "Biological and Medical Applications of Foldscope and Mycorrhizal Commercial Productions" organized by the M.R.Government Arts College, Mannargudi on 31.01.2019.
27. Participated in the National Seminar on Challenges and Changes in the Evaluation System Organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli sponsored by NAAC, Bengaluru on 26.02.2019.
28. Participated in the One day State Level Seminar on HR Trends and Innovation in 2K19 Organized by PG & Research Department of Commerce Student Committee, PG & Research Department of Commerce, S.T.E.T Women's College, Mannargudi on 27.02.2019.
29. Participated and presented a paper on In vitro Efficacy of methanolic extract of *Mimosa pudica* against selected microorganism for its broad spectrum antimicrobial activity in the International Seminar on Microbial Interventions for the Welfare of Human Being organized by PG and Research Department of Microbiology, S.T.E.T Women's College, Mannargudi on 09.08.2019.

RESUME

30. Participated in the One day International Seminar on Intellectual Property Rights- Emerging Issues and Challenges Organized by PG & Research Department of Commerce and Intellectual Property Rights Cell (IPR Cell), S.T.E.T Women's College, Mannargudi on 11.09.2019.
31. Participated in the ICSSR sponsored one day State level seminar on E-Waste Management Organized by S.T.E.T Women's College, Mannargudi on 11.12.2019.
32. Participated and presented a paper entitled Preliminary Phytochemical Evaluation of Leaf Extracts in *Aegle marmelos* in the TNSCST supported National Seminar on "Induction of higher educational learners on the disease preventive and therapeutic properties of Indigenous Medicinal plants and their display" organized by the PG & Research Department of Microbiology, M.R. Government Arts College, Mannargudi on 28.02.2020.
33. Participated and presented a paper entitled Role of Microbiology in the Pharmaceutical & Medical Device in Tamil Nadu State Council for Higher Education (TANSCH) sponsored one day National Seminar on "Entrepreneurial Spectrum of Microbial Technology- Agriculture Industry and Medicine" organized by PG and Research Department of Microbiology, M.R. Government Arts College, Mannargudi on 5th March, 2021.
34. Participated and presented paper entitled Anticancer potential of green synthesized silver nanoparticles using extract of *Terminalia bellirica* against Human Colorectal Cancer cell line (HCT116) in International seminar on "Recent Trends in Translational Medicine" at Maruthupandiyar College, Vallam, Thanjavur on 26.11.2021.

13. Workshops attended: 14

1. Participated in the Two-day State Level Workshop on Electrophoretic and Immunological Techniques organized by the Department of Biochemistry, St. Joseph's College (Autonomous), Tiruchirappalli on 18th and 19th February 2010.
2. Workshop on "Clinical Instrumentation Techniques" organized by the Department of Biochemistry, Sengamala Thayaar Educational Trust Women's College on 31st August 2012.
3. Workshop for research supervisors on "Quality Research Report Writing" organized by the Curriculum Development Cell of Bharathidasan University, Tiruchirappalli on 28th February 2014.
4. Participated in the one day workshop on "Molecular Techniques" on 10.01.2015 organized by PG and Research Department of Microbiology in collaboration with Bharthidasan University, Tiruchirapalli.

RESUME

5. Participated in the One day workshop on Innovative Curriculum Designing and Evaluation exclusively for Chairman and Members of Board of Studies (Sciences) at UG & PG level on 14.08.2015 organized by Curriculum Development Cell, Bharathidasan University, Tiruchirappalli.
6. Participated in the International Workshop on Biochemical & Bioinformatics Techniques organized by Shrimathi Indira Gandhi College, Trichy on 05.09.17.
7. Participated in the Regional Workshop on Food Adulteration: Identify Your Safe Food for Good Health” organized by the Department of Nutrition and Dietetics, Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 27.09.17.
8. Participated in the Science Academies Lecture Workshop on Current Scenario in Life Sciences organized by the PG & Research Department of Microbiology, PG & Research Department of Biochemistry and Department of Nutrition and Dietetics, Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 11.10.17 & 12.10.17.
9. Participated in the International Workshop on Research Methodology organized by the PG & Research Department of Economics and Department of Business Administration, Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 04.01.2019.
10. Participated in the two day hands on training programme in “Training on Manufacturing of Water based Paints” Organized by PG and Research Dept of Biochemistry and Chemistry S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 04.03.2022 – 05.03.2022.
11. Participated in a workshop on Assessment of Outcome Based Education organized by IQAC, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 04.06.2022.
12. Participated in the Three Days workshop on Statistical Applications organized by IQAC and R&D Cell, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 07.07.2022 – 09.07.2022.
13. Participated in seven days workshop on Designing of Question Paper for Course Outcome Measurement and Question Bank Preparation Using Revised Bloom’s Taxonomy organized by IQAC and Office of the Controller of Examinations, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 08.07.2023, 09.07.2023, 15.07.2023, 16.07.2023, 22.07.2023, 23.07.2023 & 12.08.2023.
14. Participated in one day the National Online Workshop on Writing Proposal for Funded Project organized by Global Institute of Statistical Solutions (GISS) on 25th October 2023.

14. Faculty Development Programme attended

22

1. Participated in the Faculty Development Programme on “Guidance & Counselling” on 24th & 25th July 2010 organized by S.T.E.T Women’s College, Mannargudi.

RESUME

2. Participated in the Faculty Development Programme on “Tips for Effective Teaching & Teaching Value” on 4th June 2011 organized by S.T.E.T Women’s College, Mannargudi.
3. Participated in the Faculty Development Programme on “SET, NET Coaching class” on 30th July 2011 organized by S.T.E.T Women’s College, Mannargudi.
4. Participated in the Faculty Development Programme on “Innovative Methods in Teaching & Learning Process” on 18th December 2012 organized by S.T.E.T Women’s College, Mannargudi.
5. Participated in the Faculty Development Programme on “How to use College Library Effectively” on 18th November 2013 organized by S.T.E.T Women’s College, Mannargudi.
6. Participated in the Faculty Development Programme on “SET, NET Coaching class” on 26th May 2014 organized by S.T.E.T Women’s College, Mannargudi.
7. Participated in the Faculty Development Programme on “SET, NET Coaching class” on 5th June 2014 organized by S.T.E.T Women’s College, Mannargudi.
8. Participated in the Faculty Development Programme on “How to use NPTEL Resources” on 14th July 2014 organized by S.T.E.T Women’s College, Mannargudi.
9. Participated in the Faculty Development Programme on “Research Proposal & Funding Agencies” on 15th November 2014 organized by S.T.E.T Women’s College, Mannargudi.
10. Participated in the Faculty Development Programme on “Office Management” on 31.12.2016 organized by S.T.E.T Women’s College, Mannargudi.
11. Participated in the Faculty Development Programme on “Effective Communication Skills” on 10.04.2017 organized by S.T.E.T Women’s College, Mannargudi.
12. Participated in the Faculty Development Programme on “Education Psychology for Effective Teaching” on 11.04.2017 organized by S.T.E.T Women’s College, Mannargudi.
13. Participated in the Faculty Development Programme on “Workshop on Speaking Skills” on 18.04.17 organized by S.T.E.T Women’s College, Mannargudi.
14. Participated in the Faculty Development Programme on “New Techniques in Environmental Cleaning” Tamil University, Thanjavur on 26.04.17 organized by S.T.E.T Women’s College, Mannargudi.
15. Participated in the Faculty Development Programme on “Effective Scientific Paper Writing” on 05.05.2017 organized by S.T.E.T Women’s College, Mannargudi.
16. Participated in the Faculty Development Programme on “How to Plan, Draft and Complete the Research problem” on 06.05.2017 organized by S.T.E.T Women’s College, Mannargudi.

RESUME

17. Participated in the Faculty Development Programme on Intellectual Property Rights (IPR) on 08.07.2019 organized by S.T.E.T Women's College, Mannargudi.
18. Participated in Faculty Training Programme on "Outcome Based Education" organized by the IQAC, S.T.E.T Women's College (Autonomous), Mannargudi from 04th June 2022.
19. Participated in the Three Days Faculty Training Programme on "Implementation of Outcome Based Education" organized by the IQAC, S.T.E.T Women's College (Autonomous), Mannargudi from 07th to 09th June 2022.
20. Participated in the Faculty Development Training Programme on "Identification of Government and Non Government Funding agencies" organized by IQAC and R&D Cell, S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi on 04.03.2023.
21. Participated in the Faculty Development Programme on "IPR-Concepts to Compliance" organized by IPR Cell, S.T.E.T. Women's college (Autonomous), Sundarakkottai, Mannargudi on 07.10.2023.
22. Participated in the Five Day Virtual International Faculty Development Programme on "Recent Trends in Biological Sciences"- (RTBS 2023) organized by Department of Botany, Seethalakshmi Ramaswami College, Tiruchirappalli from 16th to 20th October 2022.

15. Training Programmes attended:

4

1. VRR Institute of Biomedical Science, Kattupakkam, Chennai. VRR Diagnostic centre, GN Chetty Road, Chennai to uplift knowledge in the fields of Clinical Biochemistry, Molecular Biology and Biotechnology from 24.12.2012 to 28.12.2012.
2. Tamilnadu Agricultural Rice Research Institute, Aduthurai on 19.02.2014.
3. Participated in the training programme on "Hormone Analyzer in Immunological Marker" on 18th October 2014 organized by SHUBICK Hormone Analyzer Lab at Pattukkottai.
4. Skill Development programme on "Manufacturing of Water Based Paints" organized by Department of Biochemistry and Department Chemistry on 3rd and 4th March 2022.

16. Invited Talk /Guest Lecture:

2

1. Invited talk on "Udal Nalanukkana Mooligai Maruthuvam" organized by NSS camp Sengamala Thayaar Educational Trust Women's College on 5th January 2013.
2. Invited talk on "Iyarkkai matrum Mooligai Maruthuvam" organized by NSS Camp Sengamala Thayaar Educational Trust Women's College on 14th January 2018.

17. Books/Book Chapters published: 1

Pavithra, B. and Anuradha, R. 2021. Proximate, Phytochemical Analysis and Elemental Composition of Certain Spices, Compendium of Chapters in Modern Bodren Biology, ISBN: 978-93-93737-39-7.

18. Research Articles Published: 107

1. **Anuradha R.** and Sukumar D. 2008. Wound Healing Activity of Quercimeritrin From *Tithonia diversifolia* Linn. Flower Extract. *Int. J. Pharmacol. Biol. Sci.*, 2(1):109-114.
2. **Anuradha, R.** and Gayathri, J. 2010. Nephroprotective effect of *Tribulus terrestris* L. in lead acetate induced toxicity in male albino rats. *Int. J. Pharmacol. Biol. Sci.*, 5:115-120.
3. **Anuradha, R.** and Palaniyandi Krishnamoorthy. 2010. Efficacy of astragalin on lead acetate induced nephrotoxicity in male albino rats. *J. Sci. Trans. Environ. Technov.*, 4:55-61.
4. **Anuradha, R.** and Karthika, A. 2010. Hepato protective effect of L-arginine against paracetamol induced hepatic injury in male albino rats. *Advances in Pharmacology and Toxicology*, 11:85-92.
5. **Anuradha, R.** and Palaniyandi Krishnamoorthy. 2011. Effect of astragalin on the activities of membrane bound enzymes on lead acetate toxicity in albino rats. *J.Chem. Pharm. Res.*, 3: 616-620.
6. Reka, B and **Anuradha, R.** 2011. Protective effect of *Tagetes erecta* against lead acetate induced oxidative stress in male albino rats. *Journal of Chemical and Pharmaceutical Research*. 3(6): 238-242.
7. **Anuradha, R.** and Sukumar, D. 2011. Evaluation of Wound Healing Activity of Patulitrin from Flowers of *Tagetes erecta* (L.). *Journal of Herbal Science and Technology*. 8(10): 21-23.
8. **Anuradha, R.** and Palaniyandi Krishnamoorthy. 2011. Antioxidant activity of methanolic extract of *Pongamia pinnata* on lead acetate induced hepatic damage in rats. *African Journal of Biochemistry Research*. 5(12): 348-351.
9. Vaidegi, N. and **Anuradha, R.** 2012. Antinephrotoxic Effect of *Boerhaavia diffusa* L. Root on Lead Acetate Induced Nephrotoxicity in Male Albino Rats. *Research J. Pharmacology and Pharmacodynamics*. 4(6): 353- 356.
10. Mary charlet .R and **Anuradha, R.** 2012. Effect of protocatechuic acid on TNF- α mRNA level in the liver of hepatotoxicity rats. *Research J. pharma Dosage forms and tech*. 4(6): 324-327.
11. **Anuradha, R.** and Akilandeswari K, 2012. Immunostimulatory Activity of *Rosa centifolia* in Azathioprine Induced Rats. *Research J. Pharmacology and Pharmacodynamics*. 4(4): 210- 212.
12. Jayasri, R. and **Anuradha, R.** 2012. In Vitro Antioxidant and Antibacterial Activity of *Boerhaavia diffusa*. *Research J. Pharmacognosy and Phytochemistry*. 4(4): 223-225.

RESUME

13. **Anuradha, R.** and Palaniyandi Krishnamoorthy.2012. Protective effect of *Pongamia pinnata* on lead acetate induced nephrotoxicity in rats. *Journal of Herbal medicine and Toxicology*.6(1): 113-116.
14. Gomathi, B. and **Anuradha, R.** 2012. Phytochemical investigation on *vinca rosea* by thin layer chromatography. *Research Journal of pharmacology and phytochemistry*. 4(2):89-91.
15. Sangeetha, S. and **Anuradha, R.** 2012. Production of amylase enzyme by *Aspergillus niger* using rice bran and potato skin. *Research J.Science and Tech.*, 4(2): 59-61.
16. Saranya, S. and **Anuradha, R.** Potential of *carica papaya* against gentamicin induced nephrotoxic rats. *Research Journal of Pharmacognosy and pharmacodynamics*; 4(1): 2012;17-20.
17. **Anuradha, R.** and Palaniyandi Krishnamoorthy.2012.Therapeutic efficacy of *Pongamia pinnata* Linn flowers on lead acetate induced liver injury. *Geobios*. 39 (1): 21-24.
18. **Anuradha, R.** and Kanagavalli,M. 2012. A Study on Phytochemical constituents and *In vitro* antioxidant activity of *Carica papaya*. *Research Journa of Pharmacy and Technology*. 5(1):119-120.
19. Nishanthi, J. and **Anuradha, R.** 2012. Efficacy of *Tagetes erecta* on lead acetate induced oxidative injury in rat kidney. *International journal of pharmtech research*. 4(4), 1377-1382.
20. **Anuradha, R.** and Palaniyandi Krishnamoorthy.2012. Impact of *Pongamia pinnata* extract on lead acetate mediated toxicity in rat liver. *International journal of pharmtech research*.4(2), 878-882.
21. **Anuradha, R.** and Palaniyandi Krishnamoorthy. 2012. Screening of phytochemicals and identification of chemical constituents of *Pongamia pinnata* by GC-MS. *International Journal of ChemTech Research*. 4(1): 16-20.
22. Nathiya, V. and **Anuradha, R.** 2013. Phytochemical screening and antibacterial activity of *Coriandrum sativum* Linn. Against wound pathogens. *Asian Jr. of Microbiol. Biotech. Env. Sc.*15(3), 549-552.
23. Ramiladevi, G. and **Anuradha, R.** 2013. Biodegradation of plastic straw using pectinase secreted by *Clostridium thermophilus*. *Asian Jr. of Microbiol. Biotech. Env. Sci.*, 15(3), 581-586.
24. Baby, S. and **Anuradha, R.** 2013. Hypolipidaemic activity *Punica granatum* flowers on hydrogenated groundnut oil induced hypercholesterolemic rats. *International Research journal of Pharmaceutical and Applied Sciences*. 3(4), 136-139.
25. Lamaeswari.G, and **Anuradha, R.** 2013. *In Vitro* Antioxidant Activity of Ethanolic flower Extract of *Spathodea Campanulata* P.Beauv. *International journal of Biology,Pharmacy and Allied Science*. 2(11), 2130-2136.
26. Lamaeswari.G, and **Anuradha, R.** 2013. Analgesic Effects of the Ethanolic Extract of flower of *Spathodea Campanulata* Studied in Albino Mice. *International Researchjournal of Pharmaceutical and Science*. 3(6), 8-12.

RESUME

27. **Anuradha R.** and Sukumar D. 2014. *In Vitro* Anti-Inflammatory Compound Quercimeritrin isolated From *Tithonia diversifolia* Flowers By HRBC Membrane Stabilization. *World Journal Of Pharmaceutical Research*. 3(1), 426-431.
28. **Anuradha R.** and Rahini, D. 2014 *In-vitro* antioxidant activity of *Artabotrys hexapetalus*. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 5(2), 396-405.
29. **Anuradha R.** and Vidhya, G. 2014. Hypoglycaemic Effect of *Cassia auriculata* Linn. Flowers on Streptozotocin Induced Male Albino Rats. *International Journal of Phytopharmacology*. 5(4), 323-327.
30. **Anuradha R.** and Priyadharshini,G. 2014. Hypoglycaemic activity of *Psidium guajava* Linn.flowers against alloxan induced diabetes in Male albino rats. *World Journal of Pharmacy and Pharmaceutical Sciences*. 3(6), 1321-1336.
31. **Anuradha R.** and Ganiya, R. 2014. Isolation, Screening and Optimization of novel laccase production from *Penicillium chrysogenum*. *World Journal of Pharmaceutical Research*. 3(4), 706-713.
32. **Anuradha R., Sathya, S.** and Priyadharshini,G. 2014. Molecular detection of ESBL (CTX-M and SHV) genes in *Pseudomonas aeruginosa*.. *J. Sci. Trans. Environ. Technov.*, 7(2): 96-99.
33. Reka, V. and **Anuradha R.** 2014. *In vitro* Anti-inflammatory and Antioxidant activities of *Caesalpinia pulcherrima* Linn. Flowers. *International Journal of Universal Pharmacy and Bio Sciences*. 3(4): 42-49.
34. Sumathi S. and **Anuradha R.** 2014. *In vitro* antioxidant activity of methanolic extract of flower of *Couroupita guinensis* Aubl, *Journal of Chemical and Pharmaceutical Research*, 8(5):618-623.
35. Rahini, D and **Anuradha R.** 2014. Antipyretic Activity of *Artabotrys hexapetalus* Flower Extract. *American Journal of Pharmacy & Health Research* . 2(7): 66-71.
36. Nalini, R. **Anuradha, R.** 2015. Phytochemical Screening and “*In-Vitro*” Antioxidant Activity of Ethanolic Flower Extracts of *Punica granatum*. *International Journal of Pharmaceutical Sciences Review and Research*. 30 (1): 353-360.
37. Ramya, M, **Anuradha, R.** 2015. Biochemical changes in betel quid chewers and non-chewers of kakkarai, Thanjavur district of Tamilnadu. *Asian Journal of Pharmaceutical and Clinical Research*. 8 (3): 122-124.
38. Usharani, S. and **Anuradha, R.** 2015. *In vitro* free radical scavenging activity of *Wattakaka volubilis* leaf extract *Journal of Chemical and Pharmaceutical Research*, 7(7):616-62.
39. **Anuradha R.** and Palaniyandi Krishnamoorthy. 2015. Influence of aqueous and diethyl ether extracts of *Pongamia pinnata* flowers on lead acetate induced nephrotoxicity. *Journal of Chemical and Pharmaceutical Research*, 7(10):175-180.
40. Shanmugapriya, S. and R. Anuradha. 2015. Efficacy of *Abutilon indicum* L. against Bacterial and Fungal Species. *Int.J.Curr.Microbiol.App.Sci.*, 4(12): 402-407.
41. Amaladevi.A, **Anuradha.R.** 2015. Antioxidant and free radical scavenging activity of *cassia fistula* Linn. By using different *in vitro* models. *Pharmanest*, 6(6): 3005- 3007.

RESUME

42. Saravana Kumari, M. and **Anuradha, R.** 2016. Effect of Green Tea on Lipid peroxidation and Antioxidant activity on Mercuric Chloride induced Toxicity in rats. *International Journal of Pharmaceutical Sciences Review and Research*. 36 (1): 67- 72.
43. Usharani, S. And **Anuradha, R.** 2016. Study of *Wattakaka volubilis* on tissue lipids and antioxidants in aluminium sulphate exposed rats. *International Journal of Pharmaceutical Sciences Review and Research*. 36(2), 203-208.
44. Vijayalakshmi, M., **R.Anuradha** and A.M.Thafshila Aafrin 2016. Bioinformatical tools on identification of deleterious mutations in OCA2 gene of albinism. *International journal of current microbiology and applied sciences*, Sp issue 3: 50- 58.
45. Shanmugapriya, S., **Anuradha, R.**, Kiruthika, R., Venkatalakshmi, P. and Velavan, S. 2015. Formulation and evaluation of *Abutilon indicum* Boerhaavia diffusa for the determination of nephroprotective activities, *Scientific Transactions in Environment and Technovation*, 9(2): 101-106.
46. Shanmugapriya, S. and **Anuradha, R.** 2016. Phytochemical analysis and *In Vitro* Anti-Inflammatory activity of *Abutilon indicum*, *Asian Journal of Science and Technology*, 7 (5): 2980-2983.
47. Sumathi S. and **Anuradha R.** 2016. *In vitro* antioxidant activity of methanolic extract of flower of *Couroupita guinensis* Aubl, *Journal of Chemical and Pharmaceutical Research*, 8(5):618-623.
48. Vinothini V., **Anuradha R.** and Senthilkumar R. 2016. Vermicompost production and nutrient analysis using *eudrillus eugine*, *World Journal of Pharmaceutical Research*, 5(6): 1250-1257.
49. Ananthi, T. and **Anuradha, R.** 2015. Determination of phenolic compounds in flowers of *Michelia champaca* L. by HPLC analysis. *International Journal of Pharmaceutical Sciences Review and Research*. 33(2): 166-168.
50. Ananthi, T. and **Anuradha, R.** 2015. Hepatoprotective activity of *Michelia champaca* L. against carbon tetrachloride induced hepatic injury in rats. *Journal of Chemical and Pharmaceutical Research*, 7(9): 270-274.
51. Ananthi T. and **Anuradha R.** 2015. Bioefficacy of *Michelia champaca* L. on membrane bound enzymes in CCl₄ induced hepatotoxicity in rats. *International Journal of Pharmaceutical Sciences and Research*, 6(11): 4879-81.
52. Prasanna, G. and **R.Anuradha.** 2015, Evaluation of *In Vitro* antioxidant activity of rhizome extract of *Drynaria quercifolia* L. *International Journal of Chem Tech Research*, 8(11): 183-187.
53. Padmaselvi, B., G. Prasanna and **R.Anuradha.** 2016, Physicochemical and phytochemical analysis of the rhizome of *Drynaria quercifolia* L. *Int J phytopharmacy Research*, 7(1), 18-22.
54. Prasanna, G., and **R.Anuradha,** 2016, Ultraviolet – Visible and Fourier Transform-Infrared Spectroscopic studies on *Drynaria quercifolia* L. rhizome. *Asian Journal of Pharmaceutical and Clinical Research*, 9(3): 85-88.

RESUME

55. **Anuradha R.** and Sumathi R. 2016. Hepatoprotective effect of *Allamanda neriifolia* Hook on 1,4 Dichlorobenzene induced hepatotoxicity in rats. *International Journal of Pharmaceutical Sciences Review and Research*. 38(2): 238-242.
56. **Anuradha R.** and Sumathi R. 2016. Phytochemical screening and Invitro Antioxidant activity of methanolic extract of flowers of *Allamanda neriifolia* Hook. *International Journal of Pharmacognosy and Phytochemical Research*. 8(7): 1111-1117.
57. **Anuradha R.** and P.Mozhiyarasi. 2016 A Study on Phytochemical analysis and antimicrobial activity of *Hyptis suaveolens* (L.) poit. *Journal of Chemical and Pharmaceutical Research*, 8(6): 438-442.
58. **Anuradha R.** and S. Sumathi. 2016. *Invitro* anti-inflammatory activity of flower extract of *Couroupita guianensis* Aubl. *International Journal of Herbal Medicine*. 4(5): 05-08.
59. **Anuradha R.** and S. Sumathi. 2016. FT-IR Spectroscopic studies on Flowers of *Allamanda nerifolia* Hook. *International Journal of Current Microbiology and Applied Sciences*. 5(6): 287-291.
60. **Anuradha R.** and Thafshila Aafrin AM. 2017. Determination of Quercetin by High Performance Thin Layer Chromatography method in *Achyranthes aspera* (L.) plant extract. *Asian Journal of Pharmaceutical and Clinical Research*, 10(2): 52-56.
61. **Anuradha R.** and Kiruthika T. 2017. *Invitro* Anti-inflammatory activity of methanol extract of *Pedalium murex*. *Asian Journal of Pharmaceutical and Clinical Research*, 10(2): 50-51.
62. **Anuradha R.** and Nagalakshmi G. 2016. FT-IR Analysis and *Invitro* antibacterial activity of *Prosopis Juliflora* . *European Journal of Pharmaceutical and Medical Research*. 4(1): 322-326.
63. **Anuradha R.** and Sumathi S. 2017. *Invitro* anti-arthritis activity of methanolic extract of *Couroupita guianensis* flower. *International Journal of Herbal Medicine* , 4 (01). 176-179.
64. **Anuradha R.** and Thafshila Aafrin A.M. 2017. Evaluation of *In vitro* anticancer potential of *Achyranthes aspera* against EAC cell line. *International Journal of Scientific Transactions in Environment and Technovation*. 10(3): 122-125.
65. Ananthi T. and **Anuradha R.** 2016. Quantitative Determination of Quercetin in *Michelia champaca* (L.) Flowers by HPTLC Technique. *International Journal of Pharmacognosy and Phytochemical Research*. 8(9); 1516-1521.
66. Ananthi T., **Anuradha, R.** and Mallika Jainu J. 2017. Anti-Fibrotic Effect of *Michelia champaca* L. Against Carbon Tetrachloride Induced Liver Injury in Rats. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 8(1): 1418- 1424.
67. Prasanna,G. and **R.Anuradha,** 2016. A Comprehensive Review on Phytopharmacological Activities of *Drynaria quercifolia* L, *International Journal of Pharmacognosy and Phytochemical Research*, 8(8): 1304-1313.
68. **Anuradha R.** and Sangavi R. 2017. Antibacterial and Antifungal Activity of *Wattakaka Volubilis*. *Research J. Pharm. And Tech*. 10(11): 1994-1997.

RESUME

69. Nalini R and **Anuradha R.** 2017. Isolation and HPTLC quantitative analysis of flavonoids from flower extract of *Punica granatum* L. *Asian Journal of Pharmacy and Pharmacology*, 3(4): 139-144.
70. Nalini R and **Anuradha R.** 2017. Phytochemical Screening fluorescence analysis of methanol flower extracts of *Punica granatum* L. *Scholars Academic Journal of Pharmacy*. 6(9): 378-382.
71. Nalini R and **Anuradha R.** 2018. *In vitro* Antioxidant and Antiinflammatory Activity of Isolated compound from methanolic flowers extract of *Punica granatum* L. *Scholars Academic Journal of Biosciences*, 6(5): 429-437.
72. Nalini R and **Anuradha R.** 2018. Gas Chromatography Mass Spectrometry (GC-MS) analysis of bioactive compounds present in methanolic extract of the flowers of *Punica granatum* Linn. *Scientific Transactions in Environment and Technovation*, 11(4): 218-221.
73. **Anuradha, R.** and Keerthana R. 2018. *In vitro* Anti –Inflammatory Activity of *Coldenia Procumbens*. *World Journal of Pharmaceutical Research*. 7(3): 561-569.
74. **Anuradha, R.** and Thafsila Aafrin A.M. 2018. Preliminary Phytochemical Analysis of *Achyranthes Aspera*. *World Journal of Pharmaceutical Research*. 6(7): 895-904.
75. **Anuradha, R.** and Usharani S. 2018. Efficacy of *Wattakaka volubilis* Against Aluminium Sulphate Induced In Liver Toxicity. *International Journal of Pharmacy and Pharmaceutical Sciences.*, 10(2):136-141.
76. **Anuradha, R.** and Sumathi S. 2018. Studies on Antibacterial potential of Dimethyl Cardamonin. *International Journal of Life Sciences Research.*, 6(1):78-84.
77. **Anuradha, R.** and Thafshila Aafrin AM. 2018. Elucidation of *In vitro* Anti-inflammatory activity of *Achuranthes aspera* (L.) by HRBC membrane Stabilization Method. *International Journal of Pharmaceutics and Drug Analysis*, 6(4): 435-438.
78. **Anuradha, R.** and Thafshila Aafrin AM. 2018. Studies on *In vitro* Antimicrobial activity by Disc Diffusion method and FTIR analysis of *Achuranthes aspera* (L.). *International Journal of Pharmaceutics and Drug Analysis*, 6(4): 446-450.
79. **Anuradha, R.** and Thafshila Aafrin AM. 2018. Evaluation of *In vitro* Antioxidant properties of ethanolic and aqueous extracts of *Achuranthes aspera* L. *World Journal of Pharmaceutical Research*, 7(7):1628-1639.
80. **Anuradha, R.,** Sangavi R and Usharani S. 2018. Quantitative Determination of Quercetin in *Wattakaka volubilis* (L.F) by HPTLC Technique. *International Journal of Chemtech Research*. 11(6): 99-107
81. **Anuradha, R.** and Sumathi R. 2018. Anti-inflammatory activity of Dimethyl Cardamonin in formalin induced paw oedema in albino rats. *International Journal of Biological and Medical Research*. 9(2):6338-6344
82. Anuradha R and 2018. *In vitro* antidiabetic potential of *Aegle marmelos*. *Scientific Transactions in Environment and Technovation*, 11(3):141-145.
83. Abinaya, S. and **R.Anuradha, 2018.** HPLC Analysis and *In vitro* Anti-Inflammatory activity of ethanol extract of *Sesbania grandiflora*, *International Journal of ChemTech Research*, 11(.08): 40-47.

RESUME

84. Suganya, G. and **R.Anuradha**, 2018. GC-MS/MS Analysis and *In vitro* Anti-Diabetic activity of leaves of *Trigonella foenum-graecum*, *International Journal of ChemTech Research*, 11(8): 32-39.
85. Sumathi R. and **R.Anuradha**, Physiochemical and Fluorescence analysis in the flowers of *Allmandaa neriifolia* Hook for standardization as herbal drug, *International Journal of Scientific Research and Review*, 7(8): 36.
86. Sumathi R. and **R.Anuradha**, 2018. Preliminary phytochemical screening and High performance thin layer chromatography profile of *Allamanda neriifolia* Hook, *International Journal of Basic and Applied Research*, 8(9): 447-458.
87. Sumathi R. and **R.Anuradha**, 2018. Biopotency of flowers of *Allamanda neriifolia* Hook on Membrane bound enzymes on 1, 4 Dichlorobenzene intoxicated rats, *International Journal of Basic and Applied Research*, 8(9): 73-79.
88. Nalini, R. and **R.Anuradha**, 2018. Sub Acute Toxicity Studies of Punicaflavone from the methanolic Flower Extract of *Punica granatum* (Linn.) in Rats, *Saudi Journal of Medicine*, 3(6): 276-285.
89. Nalini, R. and **R.Anuradha**, 2018. The Isolation and Structural Determination of flavonoid from the flowers of *Punica granatum* L, *International Journal of Emerging Technologies and Innovative Research*, 5(9): 613-618.
90. Priya, R. and **Anuradha, R.** 2018. Biosynthesis of Plant Mediated Silver Nanoparticles Using the Leaf Extract of *Ocimum sanctum* And Evaluation of Antimicrobial Activity, *International Journal of Research and Analytical Reviews (IJRAR)*, 5 (4) : 1048-1054.
91. Mozhiyarsi, P. and **Anuradha, R.** 2019. Ameliorative Effect of *Hyptis suaveolens* (L.) poit on Paracetamol Induced Hepato-Toxicity, *International Journal of Research and Analytical Reviews (IJRAR)*, 6 (1) : 479-483.
92. Mozhiyarsi, P. and **Anuradha, R.** 2019. Evaluvation of Anti inflammatory Activity of *Hyptis suaveolens* (L.) Poit By Invitro Methods, *International Journal of Scientific Research and Review*, 8 (1) : 627-634.
93. Thangaprabha, G and **Anuradha, R.** 2019. *In vitro* cytotoxic activity of ethanolic extract of flower buds of *Syzygium aromaticum* against Hepatocarcinoma Cell Line (Hep G2), *Journal of Emerging Technologies and Innovative Research*, 6(1); 207- 212.
94. Ramana, R. and **Anuradha, R.** 2019. Phytochemical analysis and antimicrobial activity of *Psidium guajava* L. leaves, *Thematics Journal of Geography*, 8(12):9-2.
95. Elakkiya, M. and **Anuradha, R.** 2019. *In vitro* anti-inflammatory and Thrombolytic potential of leaf extract of *Andrographis paniculata*, *Think India Journal*, 22(14): 62-70.

RESUME

96. Ying Liang, Deyu Kong, Yi Zhang, Siqi Li, Yan Li, **Anuradha Ramamoorthy, and Junfeng Ma**. 2020. Fisetin inhibits cell proliferation Induces Apoptosis via JAK/STAT3 signalling pathways in Human Thyroid TPC1 Cancer Cells, *Biotechnology and Bioprocess Engineering*, 25:01-09 (DOI 10.1007/s12257-019-0326-9).
97. Priyanka, A. and **Anuradha, R.** 2020. Assessment of Phytochemical Screening and Pharmacological Activity of *Solanum virginianum* fruit extract, *Journal of Applied Science and Computation*, VII(X):36-42.
98. Radhika, R., S. K. Sundar and **R. Anuradha.** 2021. Antioxidant Property of Fruiting Bodies of *Ganoderma Lucidum*, *International Journal of Modern Agriculture*, 10(2): 3508-3514.
99. Thiraviya, R. and **Anuradha, R.** 2021. Synthesis of silver 17rostrate17es17 using aqueous extract of *Impatiens balsamina* leaves and analysis of antimicrobial activity, *International Journal of Botany Studies*, 6(6); 809-815.
100. Pavithra, B. and **Anuradha, R.** 2021. Preliminary phytochemical analysis, elemental composition and proximate analysis of selected spices, *International Journal of Botany Studies*, 6(6); 1148-1152.
101. Shalini, K., **Anuradha, R.** and Radhika, R. 2021. Nutritional profiling of *Lablab purpureus* (Hyacinth Bean) and evaluation of its anti-diabetic efficacy, *International Journal of Botany Studies*, 6(6); 1374-1379.
102. Bharathi,V. and **Anuradha, R.** 2022. Phytochemical screening and HPTLC analysis of fruit extracts of *Terminalia bellirica* Roxb. for flavonoid profile, *Annals of Forest Research*, 65 (1), 7498-7509.
103. Bharathi,V. and **Anuradha, R.** 2023. Green synthesis of silver nanoparticles using *Terminalia bellirica* (Gaertn.) Roxb. extract and its anti cancer activity against pancreatic cancer cell line, *International Journal of Zoological Investigations*, 9 (Special Issue1),50-59.
104. Bharathi,V. and **Anuradha, R.** 2023. Analysis of flavonoid profile in fruit extract of *Terminalia bellirica* (Gaertn.) Roxb. using the HPTLC technique and evaluation of antimicrobial activity, *BioGecko*, 12 (2), 2953-2961.
105. **Anuradha R.** 2023. *Ctenolepis garcinii* - Green Synthesized Silver Nanoparticles Induced Apoptotic Cell Death in MDA-MB-231 Breast Cancer Cells by Generating Reactive Oxygen Species and Activating Caspase 3 and 9 Enzyme Activities. *Eur. Chem. Bull.* 2023, 12(Special Issue 8),3662-388.
106. Piriyannga. T, Kokila Sivasangaran and **Anuradha R.** 2023. Evaluation of Physiochemical, Nutritional Profile And Antioxidant Potential Of Fresh – Banana Pulp Extract. *Journal of Emerging Technologies and Innovative Research*. Volume 10, Issue 7. j113-j121.
107. Adhithya,K. Kokila Sivasangarn and **Anuradha, R.** 2023. Evaluation of Antimicrobial Efficacy of *Solanum Xanthocarpum* against Pathogenic Microorganisms in Oral Cavity. Volume 10, Issue 7. J303-j315.

RESUME

19. Patent Filed- 2

Application Number : 202341004192

Date of Filing : 20/01/2023

Title of Invention : Detects Normal and Abnormal investigations in Digital MR Brain pictures using a Computer-Aided Medical Diagnostic Tool

Field of Invention : Bio-Medical Engineering

Publication Date (U/S 11A) : 17.02.2023

Application Number : 202341032842

Date of Filing : 09/05/2023

Title of Invention : Nano-Thymoquinone (TQ) as High Performance Drug Targeting Vehicle for Liver

Field of Invention : Bio-Medical Engineering

20. Publications of papers in Proceedings of Seminars/Conferences etc.

S. No	Title of Research Papers	Conference Proceedings	Year	Ntl.(N)/ Intl.(I)
01	Effect of Protocatechuic acid on cadmiumchloride inducedtoxicity in rats	National Conference on “Natural Resources and Human Health” (BIONATURALS 12) organized bythe Department of Biochemistry and Chemistry, Enathi Rajappa Artsand Science College, Enathi Pattukkottai on 29 th and 30 th October	2012, 1(1): 21-25	National
02	<i>In vitro</i> antioxidant activity and Quantitative HPTLC Analysisof ethanolic leaf extract of <i>Sesbania grandiflora leaves</i>	National Seminar on Herbal DrugDevelopment organized by Department of Biochemistry, S.T.E.T Women’s College,Mannargudi	ISBN: 978-9-384008-27-7	National
03	Phytochemical Screening and Cytotoxic Evaluation of <i>Aegle marmelos</i> on HepatocarcinomaCell Line (HepG2)	International Conference on Novel Approachesin Cancer Research and Therapy	978-9-384008-78-9	International

RESUME

04	Phytochemical Analysis and In vitro Evaluation of Antioxidant Activity of Leaf Extract of <i>Sesbania grandiflora</i>	International Conference on Phytotherapeutics	978-9-384008-82-6	International
----	---	---	-------------------	---------------

21. Articles in Popular magazine: -

22. Research Experiences

Dissertation and Thesis submitted

- **Ph.D., 2012.** Isolation and characterization of astragalin from *Pongamia pinnata* (Linn.) and its protective efficacy on lead acetate induced nephrotoxicity in male albino rats, Thesis submitted to Bharathidasan University, Trichy-620 024.
- **M.Phil., 2005.** Phytochemical and pharmacological studies on the plants of *compositae* (*asteraceae*) family, Thesis submitted to Bharathidasan University, Trichy.
- **M.Sc., 2000.** Influence of certain chemicals on the growth of *Arachis hypogea.*, L. Tamil Nadu, Dissertation submitted to Bharathidasan University, Trichy-620 024.
- **Research Advisor for Senior Research Fellowship (SRF)**

S. No.	Name of the Research Scholar	Funding Agency	Title of the Project	Year
1.	S.Usharani	Indian Council of Medical Research (ICMR)	Hepatosupportive role of phytoflavonoids; influences on <i>Wattakaka volubilis</i> and Kaempferol on <i>In vivo</i> and <i>In vitro</i> models of hepatotoxicity	2016-18

• Grants Received Details

S. No.	Funding Agency	Amount (Rs)	Topic	Period	Status
1.	Management Seed Money Scheme	1,00,000	Synthesis, Characterization of Silver nanoparticle using <i>Ctenolepis garcinii</i> and evaluation of its anticancer activity against human breast cancer cell line	2022-2023	Completed
2.	Red Med Medical Services, Chennai	1,00,000	Cough syrup formulation using herbal materials and its evaluation	2022-2023	Ongoing

RESUME

Ph.D. SCHOLARS UNDER MY GUIDANCE-(Completed-7; Ongoing-4)

1. **Dr. T. Ananthi**, Ph.D Scholar-Part Time, (Ref.No. 3193/ Ph.D.1/ Biochemistry/ Part Time/July 2011), Hepatoprotective activity of *Michelia champaca* L. against carbon tetra chloride induced hepatic injury in rats. **Ph.D Awarded– May 2017.**
2. **Dr. S. Usha Rani**, Ph.D Scholar-Full Time, (Ref.No. 45943/Ph.D.1/ Biochemistry/Full Time/January 2012), Hepatoprotective Activity of Leaf Extract of *Wattakaka Volubilis* In Aluminium Sulphate Induced Toxicity In Rats. **Ph.D Awarded–May 2018.**
3. **Dr. G. Prasanna**, Ph.D Scholar-Part Time, (Ref.No. 3191/Ph.D.1/Biochemistry/Part Time/October 2011);(Ref.No.3195/Ph.D.1/ Biochemistry/Re-Regn/October 2016), Hepatoprotective effect of the rhizome of *Drynaria Quercifolia* (L.) J.Sm. on cadmium chloride induced toxicity in rats. **Ph.D Awarded – August 2018.**
4. **Dr.S. Sumathi**, Ph.D Scholar – Part Time, (Ref.No. 44513/Ph.D.K1/ Biochemistry/ Part Time/January 2013), Isolation & Characterization of dimethyl cardamonin from *Couroupita guianensis* and its anti-inflammatory efficacy on formalin induced rats. **Ph.D Awarded – August 2019.**
5. **Dr.P.Mozhiyarasi**, Ph.D Scholar – Part Time, (Ref.No. 3194/Ph.D.1/ Biochemistry/Part Time/ July 2011);(Ref.No.3194/Ph.D.1/ Biochemistry/ Re-Regn./ Part Time /July 2016), Hepatoprotective Efficacy of *Hyptis suaveolens* (L.) poit on Paracetamol induced liver toxicity in rats. **Ph.D Awarded – August 2019.**
6. **Dr. R.Nalini**, Ph.D Scholar – Part Time, (Ref.No.44510/Ph.D.K1/Biochemistry/ Part Time/January 2013), Isolation and Characterization of punica flavones from the flowers of *Punica granatum* L. and its anti-hyperlipidemic potential on cholesterol induced rats. **Ph.D Awarded – August 2019.**
7. **Dr. R.Sumathi**, Ph.D Scholar – Part Time, (Ref.No. 3191/Ph.D.1/Biochemistry/Part Time/ October 2011); (Ref.No.3195/Ph.D.K1/ Biochemistry /Re-Regn./October 2016), Hepatoprotective activity of *Allamanda neriifolia* Hook on 1,4 Dichlorobenzene induced toxicity in rats. **Ph.D Awarded – August 2019.**
8. **V. Bharathi**, Ph.D. Scholar–Part Time, (Ref.No. 28845/ Ph.D.K1/ Biochemistry/ Part Time/ April 2018) – **Registered 2018**
9. **S. Annaporani**, Ph.D. Scholar – Part Time (BDU2020400547) – **Registered 2020.**
10. **S. Kokila**, Ph.D. Scholar–Fulltime (BDU2210402780064)– **Registered 2022.**
11. **A. M. Thafshila Aafrin**. Ph.D. Scholar–Part Time (BDU2320402780212)– **Registered 2023.**

M.Phil Thesis Completed (28)

1. **Akilandeswari, K. 2008.** Analysis of Phytochemicals and Immunostimulatory activity of *Rosa centifolia* in male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
2. **Vidya, R.2008.** Phytochemical investigation and analgesic activity of ethyl acetate extract of folwers of *Lawsonia inermis* Linn., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
3. **Anitha, S.2009.** Radical scavenging effect of *Tagetes erecta* L., on lead acetate induced renal toxicity in rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
4. **Radhika, R. 2009.** Protective effect of the *Ixora coccinea* L., against lead acetate induced hepatotoxicity in male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
5. **Vaidegi , N.2009.** Antinephrotoxic effect of *Boerhaavia diffusa* L. root extract on lead acetate induced nephrotoxicity ln male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
6. **Mary Charlet, R.2010.** Efficacy of protocatechuic acid on cadmium chloride induced liver toxicity in male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
7. **Nishanthi, J.2011.** Protective effect of *Tagetes erecta* Linn. Against Lead acetate induced hepatotoxicity in male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
8. **Reka, B.2011.** Efficacy of ethanolic extract of *Tagetes erecta* Linn. On Lead acetate induced nephrotoxicity in male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
9. **Baby, S. 2012.** Lipid Lowering effect of Punia grantum on hydrogenated ground nut oil induced hypercholesteromeic rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
10. **Priyadharshini, G.2012.** Hypoglycemic activity of Psidium guajava Linn. Flowers against alloxan induced Diabetes in male albino rats, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
11. **Amaladevi, A. 2013.** *In vitro* studies of anti-inflammatory, antioxidant and antimicrobial activities of *Cassia fistula* Linn., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
12. **Lamaeswari, G.2013.** *Spathodea campanulata*: An experimental evaluation of the analgesic and antioxidant activities, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
13. **Rahini, D.2013.** Antioxidant, Antipyretic and Wound healing activities of *Artabotrys hexapetalus*, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
14. **Reka, V.2013.** *In vitro* anti-inflammatory, antioxidant and antimicrobial activities of methanolic extract of flowers *Cassalpinia pulcherrima* Linn., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.

RESUME

15. **Kamalaveni, S. V. 2014.** HPTLC finger print profile, anti-inflammatory and antimicrobial activities of *Punica granatum* flowers, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
16. **Shanmugapriya, S. 2015.** HPTLC finger printing profile and anti-inflammatory, antimicrobial activities of *Punica granatum*, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
17. **Kiruthika, T. 2016.** Phytochemical screening and *in vitro* anti-inflammatory, antimicrobial, anticancer activities of *Pedaliium murex* L., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
18. **Thafshila Aafrin, A.M. 2016.** Phytochemical analysis and Pharmacological potential of *Achyranthes aspera* Linn., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
19. **Vinothini, V. 2016.** Phytochemical analysis and *in vitro* efficacy of methanolic extract of *Mimosa pudica* Linn., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
20. **Kalaiselvi, R. 2017.** Studies On the Phytochemistry, Spectroscopic Characterization, *In Vitro* Anti-Inflammatory And Antidiabetic Efficacy Of *Aegle Marmelos*, Trichy- 24.
21. **Keerthana, R. 2017.** Phytochemical Analysis *In vitro* Anti –Inflammatory And Antidiabetic Activity Of *Coldenia Procumbens*, Trichy 24.
22. **Vijayakumari, A. 2018.** Chemical profile by LC-MS/MS and antibacterial activity of *Indigofera aspalathoides*, Trichy 24.
23. **Ananthi, R. 2019.** Efficient Synthesis of Silver Nanoparticles From *Aegle marmelos* L. Leaf Extract And Its Anticancer Activity Against Human Breast Cancer Cell Line (MCF-7), M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
24. **Anbuselvi, R. 2019.** Anticancer Potential Of Green Synthesized Silver Nanoparticles Using Extract Of *Terminalia bellirica* Against Human Colorectal Cancer Cell Line (HCT116), M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
25. **Priyanka, A. 2020.** Assessment of phytochemical, antioxidant, antimicrobial and anti-inflammatory activities of *Solanum virginianum* fruit extract, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
26. **Priyangagandhi, M. 2021.** Studies on Nutritional Profile and *In vitro* Anti-inflammatory and Anti oxidant Potential of Leaves of *Moringa oleifera* Lam., M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
27. **Saranya, V. 2022.** Synthesis and characterization of silver nanoparticles Using *Ctenolepis garcinii* and evaluation of its anticancer Activity against human breast cancer cell line, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.
28. **Sathiya, N. 2023.** Evaluation of Antioxidant and Anticancer activities of silver nanoparticle derived from *Lawsonia inermis* leaves extract, M.Phil. Thesis, submitted to Bharathidasan University, Trichy 24.

PG Dissertations completed under my Guidance (86)

1. **Bhuvaneswari, G. 2004.** Protective effect of *Hemidesmus indicus* Linn. And *Tinospora cordifolia* Linn. Against isoniazid induced hepatotoxicity in rats, M.Sc., Dissertation, submitted Bharathidasan University, Trichy 24.
2. **Suba, G.2004.** Evaluation of *Hemidesmus indicus* Linn. And *Tinospora cordifolia* Linn. Potential on isoniazid induced nephrotoxicity in rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
3. **Punithakumari, K. 2004.** Resolving effect of *Pedaliium murex* and *Tribulus terrestris* Linn. On renal calculi, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24. to Bharathidasan University, Trichy 24.
4. **Radha, A. 2004.** Certain biochemical changes due to the toxic effect of chemical and herbal mosquito repellent coil on swiss male albino rat, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
5. **Shanmugapriya, R. 2004.** Certain biochemical parameters in fertile and infertile dairy cows in Mannargudi Union, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
6. **Anbukodi, S. 2005.** Effect of Wound healing activity on *Meliosma pinnata* and *Cestrum elegans*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
7. **Archanadevi, J. 2005.** Pharmacological studies on *Meliosma pinnata* against Acetaminophen induced nephrotoxicity in male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
8. **Pushpaveni,S.2005.** Anti-microbial activity of *Meliosma pinnata*, M.Sc., Dissertation,, submitted to Bharathidasan University, Trichy 24.
9. **Shyamala,G.2005.** *In vitro* plant regeneration and *Agrobacterium* mediated callus induction in *corolla carpus epigeous* L., M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
10. **Sridevi, B. 2005.** Efficacy of *Meliosma pinnata* Linn. On antioxidant activity in male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
11. **Kalpana,D. 2006.** Effect of Immunoglobulin studies on *Datura stramonium* L. administered rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
12. **Premavathi, G.2006.** Antibacterial and Antifungal activity on *Datura stramonium* L., M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
13. **Elavarasi,E. 2006.** Antioxidant status in ulcer patients, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
14. **Rathi, K.2006.** Biodegradation studies on modern rice mill effluent, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
15. **Sathya,S.2006.** Comparative study of ethanol productivity in different waste fruits by using *Saccharomyces cerevisiae*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.

RESUME

16. **Jansirani,S. 2007.** Preliminary phytochemical analysis and diuretic activity of *Achyranthes aspera* L, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
17. **Malarvizhi,C.2007.** Effect of *Adathoda vasica* nees on ova induced asthma in mice, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
18. **Priya,R. 2007.** Study of anti oxidant and hypocholesterolemic effect of *Cardiospermum helicacabum* in female albino wistar rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
19. **Saranya, R. 2007.** Effect of hypoglycaemic activity of ethanolic extracts of *Scoparia dulcis* Linn. On streptozotocin induced diabetes in male wistar rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
20. **Tamilarasi, S. 2007.** Hypocholesterolemic and antioxidant activity of *Cardiospermum helicacabum* Linn. In heart of albino wistar rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
21. **Akila, K. 2008.** Analysis of phytochemicals and antibacterial activity of seeds of *Carum copticum* Linn., M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
22. **Nathiya, S. 2008.** Effect of *Punica granatum* Linn., On the serum lipid profile of atherogenic diet fed male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
23. **Radhika, R. 2008.** Isolation and identification of the major chemical components and antibacterial activity of *Cassia auriculata* Linn., M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
24. **Ramya, D. 2008.** Screening of phytochemicals and toxic effect of *Cissus quadrangularis* Linn. In swiss male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
25. **Sangeetha, A. 2008.** Amylase production by *Aspergillus niger* isolated from rice bran using submerged fermentation method, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
26. **Usha,B. 2008.** Collagen stabilization by tanning agents aluminium sulphate and aluminium sulphate masked with sodium citrate, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
27. **Ammu, R. 2009.** Phytochemical screening and *in vitro* antibacterial activity of ethanolic extracts of *Nelumbo nucifera* Linn, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
28. **Gayathri, J. 2009.** Nephro protective effect of *Tribulus terrestris* Linn.in lead acetate induced toxicity in male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
29. **Karthika, A. 2009.** Hepatoprotective effect of L-arginine against paracetamol induced hepatic injury in male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
30. **Priyadharshini, D. 2009.** *In vitro* antibacterial effect of *Rosa centifolia* Linn. Against pathogenic bacteria, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.

RESUME

31. **Rani,P. 2009.** Antioxidant activity of *Tribulus terrestris* against lead acetate induced nephrotoxicity in male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
32. **Anusuya,K. 2010.** Neuro protective effect of ferulic acid on 1- methyi-4 phenyl-1,2,3,6-Tetra hydroypyridine (MPTP) induced Parkinsonic mice, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
33. **Mithula,D. 2010.** Isolation, characterization and protein profile of protease from *Bacillus amovivorus*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
34. **Saravanakumari, M. 2010.** Effect of green tea extract on lipid peroxidation and antioxidant activity on mercuric chloride induced toxicity in rats,M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
35. **Sathya, S. 2010.** Molecular detection of ESBL genes-CTX-M and SHV in *Pseudomonas aerogenosa.*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
36. **Gomathi,B. 2011.** Phytochemical Identification of *Vinca rosea* by Thin Layer Chromatography, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
37. **Jayasri, R. 2011.** *Invitro* antioxidant and antibacterial activity of *Boerhavia diffusa*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
38. **Kanakavalli, M. 2011.** A studyof phytochemical constituents and antioxidant activity of *Carica papaya*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy
39. **Saranya, S. 2011.** Protective effect of *Carica papaya* on gentamycin induced nephrotoxicity in male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
40. **Ganiya, R. 2012.** Isolation ,screening and optimization of of novel laccase production from *penicillium chrysogenum*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
41. **Nathiya, V. 2012.** Phytochemical screening and Antibacterial activity of *Coriandrum sativum* Linn. Against urinary pathogens, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
42. **Ramiladevi, G. 2012.** Biodegradation of plastic straw using pectinase sacrated by *Clostridium 24rostrate24es*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
43. **Vidhya, G. 2012.** Hypoglycaemic effect of *Cassia auriculata* Linn flowers on streptozotocin induced Diabetic male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
44. **Ramya, M. 2013.** Biochemical changes in Betel quid chewers and Non-chewers of Kakkarai, Thanjavur District, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.

RESUME

45. **Suganya, M. 2013.** Antibacterial and Antifungal activity of *Chrysanthemum indicum* against wound pathogens, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy
46. **Suganya, V. 2013.** Antipyretic and Antiinflammatory activities of *Borassus flabellifer* L. male flowers in rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
47. **Vijayalakshmi, M. 2013.** Bioinformatical tools on identification of deleterious mutation in OAC2 gene of Albinism, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
48. **Anitha, S. 2014.** Phytochemical Investigation and Study on Antioxidant activity of *Bauhinia tomentosa* ethanolic flower extract, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
49. **Arthi, K. 2014.** Phytochemical Analysis and Antioxidant activity of *Punica granatum* flowers, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
50. **Elakkiya, S. 2014.** Studies on the *In vitro* Effect of Nutraceutical Drink from *Punica granatum* and *Aloe barbadensis* preparation of ulcer induced fishes, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
51. **Leelavathi, S. 2014.** Antioxidant activities of Polyherbal Formulation, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
52. **Maheswari, N. 2014.** Preparation and Analysis of wound healing formulation of *Couroupita guianensis* and *Aloe barbadensis*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
53. **Suganya, B. 2014.** Nutritional Analysis of Cow milk and its Efficacy on Cytotoxicity against EAC Cell Line, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
54. **Jayapratha, V. 2015.** Cultivation and Analysis of Nutrient in *Spirulina platensis*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
55. **Nandhini, R. 2015.** Effect of Antifungal Activity of *Hygrophila Auriculata* Leaves Against Fungal Pathogens, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
56. **Vinodhini, S. 2015.** Evaluation of Ethanolic seed extract of *Pedaliium murex* Linn. In serum Electrolytes and urine oxalate of urolithiatic male albino rats, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
57. **Vinothini, V. 2015.** Vermicompost Production and Nutrient analysis using *Eudrillus euginea*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
58. **Buveneswari, S. 2016.** Isolation and structural elucidation of flavonoids from *abutilon indicum* using NMR and evaluation of antibacterial activity, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
59. **Kanniga, R. 2016.** HPTLC analysis of Quercetin and antibacterial activity of *Euphorbia hirta* against acne inducing bacteria, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.

RESUME

60. **Nagalakshmi, G. 2016.** FT-IR analysis and *invitro* antibacterial activity of *Prosopis juliflora*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
61. **Rajeswari, R. 2016.** *In vitro* antioxidant activity and quantitative HPLC of Gallic acid in *prosopsis juliflora*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
62. **Abinaya, S. 2017.** HPLC Analysis and *Invitro* Anti-inflammatory activity of ethanol extract of *Sesbania grandiflora*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
63. **Divya, D. 2017.** *In vitro* Antioxidant Activity and Quantitative HPTLC of ethanolic extract of *Sesbania grandiflora* leaves, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
64. **Sangavi, R. 2017.** HPTLC Analysis and Antimicrobial Activity of *Wattakaka volubilis*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
65. **Suganya, G. 2017.** Phytochemical Analysis and *Invitro* Anti-diabetic Activity of Leaves of *Trigonella foenum-graecum*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
66. **Elakkiya, M. 2018.** *In vitro* anti-inflammatory and thrombolytic potential of leaf extract of *Andrographis paniculata*, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
67. **Priya, R. 2018.** Biosynthesis of Plant Mediated Silver Nanoparticles Using Leaves of *Ocimum sanctum* Extract and Evaluation of Antimicrobial Activity, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
68. **Ramana, R. 2018.** Phytochemical analysis and antimicrobial activity of *Psidium gujava* l. leaves, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
69. **Thangaprabha, G. 2018.** *In Vitro* Cytotoxic Activity on Ethanolic Extracts of Flower Buds of *Syzygium aromaticum* Against Hepatocarcinoma Cell Line, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
70. **Abinaya, A. 2019.** Phytochemical screening and cytotoxic evaluation of *Aegle marmelos* on hepatocacinoma cell line(HepG2), M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
71. **Akalya, G.2019.** Survey on prevalence of anaemia through screening amongst the adolescent girls in and around sundarakkottai relation to economic, social and food habits, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
72. **Vidhyasri, G. 2019.** Anti-oxidant and protein ligand docking studies on *Eclipta 26rostrate* against human breast cancer, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
73. **Meenatchi, A. 2020.** Anticancer Potential of Green Synthesized Silver Nanoparticles from *Teriminalia bellarica* Against Human Cervical Cancer Cell Line HeLA, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.

RESUME

74. **Pavithra, B. 2020.** Proximate Composition and Mineral Contents of Spices, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
75. **Thiraviya, R. 2020.** Synthesis of Silver Nanoparticles using aqueous extract of *Impatiens balsamina* Leaves and Analysis of Antimicrobial activity, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
76. **Balasubha, R. 2021.** Nutritional assessment and anti inflammatory potential cluster beans (*Cyamopsis tetragonoloba*.L), M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
77. **Monisha, S. 2021.** Characterization of nutrients and antioxidant activity of Ridge gourd (*Luffa acutangula*) Peel, M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
78. **Shalini, K. 2021.** Nutritional profiling and anti diabetic efficacy of Hyacinth bean (*Lablab purpureus*), M.Sc., Dissertation, submitted to Bharathidasan University, Trichy 24.
79. **Jothipriya, R. 2022.** Phytochemical analysis and *In vitro* evaluation of antioxidant activity of leaf extract of *Sesbania grandiflora*.
80. **Nivetha, D. 2022.** Anticancer potential of *Trichosanthes cucumerina* seed against human colorectal cancer cell line HCT-116.
81. **Subashini, S. 2022.** *In vitro* anti-inflammatory and anti diabetic activity of leaf extract of *Senna alata*.
82. **Yanika, T. 2022.** *In vitro* Evaluation of antidiabetic and anti-inflammatory activity of bark extract of *Terminalia arjuna*.
83. **Adhithya, K. 2023.** Evaluation of antimicrobial efficacy of *Solanum xanthocarpum* against pathogenic micro organisms in oral cavity.
84. **Geethanjali, T. 2023.** Evaluation of phytochemical profiling and anti-inflammatory activity of virgin coconut oil.
85. **Oshini, P. 2023.** Effects of different substrates on the growth, yield and nutritional composition of oyster mushrooms.
86. **Piriyangga, T. 2023.** Evaluation of physiochemical, nutritional profile and antioxidant potential of fresh banana pulp extract.

UG Group Project completed under my Guidance (02)

1. **Sarmila, R., Sujitha, G., Swathi, R., Arundathi, S., Vaitheki, V. 2023.** Phytochemical screening and *in vitro* anti-inflammatory activity of *Nyctanthes arbor-tristis* (L.).
2. **Kanimozhi, M., Rohini, R., Atchaya, M., Hema, K., Vaishali, R. 2023.** Phytochemical analysis and antimicrobial activity of leaf extracts against pathogens.

RESUME

23. Other positions Held in STET College:

S.No.	Positions held	From	To	Nature of Work
1	Vice Principal (Research)	15.02.2019	05.10.2021	-
2	National Service Scheme	2006-07	2007-08	Programme officer
3	Alumnae Assosication	2007	2010	President
4	M.Phil Programme	2007	Till Date	Research Advisor, Bharathidasan University, Tiruchirappalli
5	Ph.D Programme	2013	Till Date	Research Advisor, Bharathidasan University, Tiruchirappalli
6	TNPSC/Group-IV, VAO	2012	Till Date	Chief Invigilator
7	TNPSC/CCSE-II (Group-II)	2013	Till Date	Chief Invigilator
8	Ph.D. Programme	2013	Till Date	Doctoral Committee Member , Bharathidasan University Costituent Collegefor Women, Orathanad, Enathi Rajappa College of Arts and Science, Enathi, Pattukkottai, Marudupandiyar College of Arts and Science, Thanjavur.
9	UG External Examiner	2010	2013	Central Valuation Bharathidasan University, Tiruchirappalli
10	UG External Examiner & UG Practical Examiner	April 2016	Till Date	A.D.M. College for Women, Nagapattinam

RESUME

11	UG Practical Examiner	2011	2012	External Examiner to conduct Practical examination, Bharathidasan University, Tiruchirappalli
12	UG Examiner	2011	2011	Central Valuation, Rajah Serfoji Govt. College (Auto), Thanjavur
13	PG Examiner	2013	Till Date	Central Valuation, Bharathidasan University, Tiruchirappalli
14	PG Examiner	April 2016	Till Date	Rajah Serfoji Govt. College (Auto), Thanjavur
15	PG Practical Examiner	2013	Till Date	External Examiner, Bharathidasan University, Tiruchirappalli
16	Bharathidasan University Examinations	Apr'2007 Nov'2007 Apr'2009 Nov'2009 Apr'2010	-	Additional Chief Superintendent
17	Bharathidasan University Examinations	November 2010	-	Chief Superintendent
18	All India Survey For Higher Education	2012	2014	Nodal Officer
19	International Journal of Biochemistry Research and Review	2012	-	Reviewer
20.	Question Paper Setter for UG Biochemistry	April 2014	-	<ul style="list-style-type: none"> • Rajah Serfoji Govt. College, Thanjavur • Alagappa University, Karaikudi
21.	Question Paper Setter for PG Biochemistry	2015	2016	Alagappa University, Karaikudi

RESUME

22.	Question Paper Setter for PG Biotechnology (Genetic Engineering)	2015	2016	Selvamm Arts & Science College (Auto), Namakkal
23.	Question Paper Setter for PG Biochemistry	April 2014	-	St. Joseph's College, Tiruchirappalli
24.	Nomination of Member to the Board of Studies (UG & PG Biochemistry)	01.04.2015	31.03.2018	Bharathidasan University, Tiruchirappalli
25.	Nomination of College Nominee to the Board of Studies (UG Biochemistry)	2016	2018	A.D.M. College for Women, Nagapattinam
26.	Society of Biological Chemist, India	2013	Till date	Life Member
27.	Indian Science Congress Association	2014	2015	Annual Member
28.	Tutorial Ward	2012	Till date	Tutor
29.	IQAC	2012	Till date	Member
30.	R & D Cell	2012	Till date	Member
31.	NAAC- Criterion-III	2014	Till date	Incharge
32.	M.Phil ., Viva –Voce Examiner	2015	-	Marudupandiyar College of Arts and Science, Thanjavur
32.	M.Phil ., Viva –Voce Examiner	2016	-	Marudupandiyar College of Arts and Science, Thanjavur.
33.	M.Phil ., Viva –Voce Examiner	2017	14.10.2017	Rabiammal Ahamed Maideen College for Women, Thiruvavur.
34.	M.Phil ., Viva –Voce Examiner	2017	05.02.2019	Marudupandiyar College of Arts and Science, Thanjavur
35.	UG Practical Examiner	2016	14.12.2016	Central Valuation, Rajah Serfoji Govt. College (Auto), Thanjavur
36.	Question paper Scrutinizing Board Member for B.Sc., Biochemistry	2017	31.10.17	A.D.M. College for Women, Nagapattinam
37.	Question Paper Setter for UG Biochemistry (Environmental Biology), (Immunology)	November 2016	-	Rajah Serfoji Govt. College, Thanjavur.

RESUME

38.	Question Paper Setter for PG Biochemistry	2016	08.01.2016	Alagappa University, Karaikudi
39.	Question Paper Setter for UG Biochemistry (Immunology, Clinical Biochemistry)	April 2017	23.01.17	Rajah Serfoji Govt. College, Thanjavur.
40.	Question Paper Setter for UG Biochemistry (Biomolecules, Human Physiology)	November 2017	05.09.17	Rajah Serfoji Govt. College, Thanjavur.
41.	TNPSC/ CCSE II (Group-II Services)	2015	26.07.15	Chief Invigilator
42.	TNPSC/ VAO	2016	28.02.16	Chief Invigilator
43.	TNPSC/ Group-IV Services	2016	06.11.16	Chief Invigilator
44.	TNPSC/ CCSE II (Group-II Services)	2022	21.05.2022	Chief Invigilator
45.	Question Paper Setter for PG Biochemistry (Basics of Biochemistry-23P1B1)	November 2023	21.10.23	Government Arts College, (Autonomous) Kumbakonam
46.	Question Paper Setter for UG & PG Biochemistry (Soft Skills Development- A3PBCSS1, Biochemistry I- T1GBC)	November 2023	23.10.23	Rajah Serfoji Govt. College, Thanjavur.

24. Membership in other professional bodies

- Society of Biological Chemist, India – Life member -08.03.2014 – Till date
- Indian Science Congress Association – Annual Member –23.09.2014-23.09.2015
- Indian Academic Researchers Association– Life member -February 2019
- Indian Science Congress Association – Life Member –29.03.2019
- Researcher ID,
- Web of Science Researcher ID-AAA-2323-2021
- ORCID ID- 0000-0003-0096-5518
- Scopus ID- 48662624500

25. Participation in Special Courses [2 NPTEL]

NPTEL (National Programme on Technology Enhanced Learning) Online Certification funded by the Ministry of HRD, Govt. of India:

1. Human Molecular Genetics - February to April 2018 (4 week course)
2. Introduction to Research- February to April 2019 (8 week course)

26. Awards Received

1. “Best Teacher award 2021” sponsored by Tamizh Sangam, Kulithalai.
2. “Best Research Supervisor Award 2021” on the special occasion of Teacher’s day celebration, 2021 organized by Chennai Softech, Chennai.

27. Short Term Courses Attended

- Participated in UGC sponsored online Short Term Course in Research and Publication Ethics organized by the UGC –Human Resource Development Centre, Bharathidasan University, Tiruchirappalli from 19.01.2021 to 25.01.2022.

28. Any other relevant information.

- **Nominated as BoS Member**, UG and PG Biochemistry, Bharathidasan University, Tiruchirappalli from 2015-2018.
- **Nominated as BoS Member**, UG Biochemistry A.D.M. College for Women, Nagapattinam from 2015-2018.
- **Nominated as BoS Chairman**, UG and PG Biochemistry, S.T.E.T Women’s College (Autonomous), Sundarakkottai, Mannargudi from 2020 to till date.
- **Nominated as BoS Member**, UG and PG Biochemistry, Bharathidasan University, Tiruchirappalli from 2021-2024.
- **Nominated as BoS Member**, BDU-IECD-IECD’s Skill Development Programmes for Montessori Courses, Bharathidasan University, Khajamalai Campus, Tiruchirappalli from 2023.
- **Co-ordinator**, IICPT Sponsored National Level Seminar on “Biotechnological and Nanotechnological Approaches in Food Processing”, organised by Depts of Biochemistry, Microbiology, Biotechnology and Nutrition and Dietetics, Sengamala Thayar Educational Trust Women’s College, Mannargudi-620 016 on 21st January 2012.
- **Organising Secretary**, National Seminar on Herbal drug development. Organised by Department of Biochemistry S.T.E.T.Women’s College, Mannargudi in Collaboration with RedMed Medical Services, Chennai on 22.09.17.
- **Organising Secretary**, Science Academies Lecture Workshop on Current Scenario in Life Sciences Sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad on 11.10.17 & 12.10.17 organized by Department of Life Science, S.T.E.T Women’s College, Mannargudi.

RESUME

- **Organising Secretary**, BIOSPLASH-Intercollegiate Meet 2019 on 18.09.2019 organized by Department of Biochemistry, S.T.E.T Women's College, Sundarakkottai, Mannargudi.
- **Organising Secretary**, International Conference on Novel Approaches in Cancer Research and Therapy on 26.09.2019 organized by Department of Biochemistry, S.T.E.T Women's College, Sundarakkottai, Mannargudi.
- **Organising Secretary**, International Conference on Phytotherapeutics on 10.02.2023 organized by Department of Biochemistry, S.T.E.T Women's College (Autonomous), Sundarakkottai, Mannargudi.

I certify that the above information are given by me which is true, best of my knowledge and belief.

Yours faithfully,



Place : Sundarakkottai

Date : 30.10.2023