

CONTENTS

- ❖ **Resume**
- ❖ **Educational Qualification**
- ❖ **Teaching Experience**
- ❖ **Participation in International / National Conferences**
- ❖ **Participation in International / National Seminars**
- ❖ **Participation in International / National Symposium**
- ❖ **Participation in Workshops**
- ❖ **Participation in Faculty Development Programme**
- ❖ **Participation in Special Trainings**
- ❖ **Participation in Special Courses**
- ❖ **Participation in Orientation/short term Courses/ Refresher Course**
- ❖ **Book Chapter Published**
- ❖ **Research Articles Published**
- ❖ **Research Articles Published in conference proceedings**
- ❖ **Patent Filed**
- ❖ **Research Experiences**
- ❖ **Membership in other professional bodies**
- ❖ **Positions held in College**
- ❖ **Other Position held**

ABSTRACT				
01	Name	Dr.G.Prasanna		
02	Educational Qualifications	M.Sc., M.Phil., SET, Ph. D.,		
04	Contact Address	4/147-12, Bharathidasan Nagar, Asesham, Mannargudi.		
		E-mail: gprasannakeerthi@gmail.com		
05	Phone Numbers	9486590213, 6379440115		
06	Field of Specialization	Phytochemistry, Biochemical Pharmacology		
07	Teaching Experience	20 Years		
	Research Experience	16.11 Years		
09	Number of Conferences attended	Total		
		International	-	02
		National	02	
10	Number of papers presented in Conferences	International	18	27
		National	09	
11	Number of Seminars attended	International	03	09.
		National	03	
		State	03	
12	Number of papers presented in Seminars	International	04	11
		National	07	
13	Number of Symposium attended	National	01	01
15	Number of Workshops attended	11		
16	Participation in Special Trainings	04		
17	Participation in Special Courses	02 NPTEL		
18	Number of FDP attended	43		
19	Number of Refresher Course attended	03		
20	Number of Orientation & short term Course attended	02		
22	Research Experiences	M.Phil. thesis completed under my guidance	05	70
		M.Sc. thesis completed under my guidance	61	
		B.Sc., Group project completed under my guidance	04	
		Rs. 18,000 received fund under Seed Money Scheme for Research Project		
23	Articles published in Journals	37		
24	Book Chapter	01		
25	Conference Proceeding	05		
26	Patent Filed	01		
27	Membership in other professional bodies	05		
28	Co-convenor in conference organized	03		
29	Position Held	19		
30	Other position held	08		

RESUME

1. **Name** : **Dr. G.PRASANNA**
2. **Address (residential)** : 4/147-12, Bharathidasan Nagar,
Asesham, Mannargudi.
MailId: gprasannakeerthi@gmail.com
Mobile: 9486590213, 6379440115
3. **Designation** : Associate Professor
4. **Department** : Biochemistry
5. **Age & Date of Birth** : 49 / 24/07/1976
6. **Area of Specialization** : Phytochemistry, Biochemical Pharmacology

**7. Educational Qualifications:**

Exam Passed	Board/University	Subjects	Year	Division/Grade Merit etc
High school	K.S.O.HS, Manganallur.	Tamil, English, Mathematics, Science, Social science	1991	71
Higher Secondary	ST.Paul's. G.HSS, Mayiladuthurai	Tamil, English, Physics, Chemistry, Botany and Zoology	1993	76
Bachelor's Degree	D.G. Govt. Arts College for Women, Mayiladuthurai.	Biochemistry	1997	61
Master's Degree	Ponnaiyah Ramajayam College, Thanjavur.	Biochemistry	2000	70
M.phil	CDE, Bharathidasan University, Trichy.	Biotechnology	2004	75
SET	Mother Theresa Women's University, Kodaikanal	Life Sciences	2016	Qualified
Ph.D	Bharathidasan	Biochemistry	2018	Commended
PCP	CSC Computer Centre, Nagapattinam.	-	2007	Completed
DCA	CSC Computer Centre, Mayiladuthurai	-	2007	Completed

8. Total Teaching Experience

S.No	Name of the Institution	Designation	From	To	YY/MM/DD
1	E.G.S. Pillay Arts and Science College, Nagapattinam	Lecturer	09.02.2004	20.04.2007	03/02/11
2	S.T.E.T.Women's College, Mannargudi	Associate Professor	18.06.2008	Till Date (05.06.2025)	16/11/13

9. Total Teaching Experience:

S.No	Institution	From	To	Subjects Taught
1.	E.G.S.Pillay Arts and Science College, Nagapattinam	09.02.2004	20.04.2007	For UG 1.Biomolecules 2.Biochemical Techniques 3.Human Physiology 4.Enzymes 5.Medical Botany 6.Allied Biochemistry 7.Principles of Nutrition 8.Nutrition for the family 9.Pharmaceutical Biochemistry 10.Clinical Biochemistry 11.Endocrinology 12.Medical Botany 13. Ethno medicine 14.Herbs and Drug Action 15. Value Education 16.Soft Skills Development 17.Gender Studies For PG 1.Enzymes and Enzyme Technology 2.Cell biology & Physiology 3.Metabolism and Regulation 4.Clinical Biochemistry 5.Endocrinology 6.Biotechnology 7.Genetic Engineering 8.Basics of Biochemistry 9. Developmental Biology Certificate Course Herbal Technology Value Added Courses 1.First aid Management 2.Herbal Product Development 3.Know your medicine 4.Biochemistry in daily life 5.Biochemical Changes in lifestyle disorder 6.Detection methods of Food Adulteration 7. Herbs and Drug Action
2.	S.T.E.T. Women's College	18.06.2008	Till date	

10. Conferences: (Total-29)

Presented -27

1. Participated and presented a paper "Hepatoprotective effect of *Punica granatum* L. against ethanol induced albino rats" in national Conference on "Biotechnology its Advent and future promises" organized by Department of Biotechnology and Bioinformatics, Bishop Heper College, Trichy. on 6th January, 2011.

2. Participated and presented a paper “Fourier – Transform Infrared Spectroscopy analysis of rhizome extract of *Drynaria quercifolia* L” in national conference on "Phytochemicals in Medicinal Plants and Food” organized by Department of Biochemistry, Bharathidasan University Constituent College for Women, Orathanadu on 30 and 31st July, 2015.
3. Participated and presented a paper “Hepatoprotective potential of *Drynaria quercifolia* rhizome extract on cadmium chloride induced toxicity in rats” in International conference on Clinical Research (ICCR-2016) organized by Department of Biochemistry, Shrimati Indira Gandhi College, Tiruchirappalli on 25th January, 2016.
4. Participated and presented a paper “Hepatoprotective activity of *Drynaria quercifolia* rhizome extract on cadmium chloride induced toxicity in rats” in International conference on “Phytocongress 2016” organized by SASTRA University, Thanjavur on 21 and 22nd July, 2016.
5. Participated and presented a paper “Phytochemical screening and in vitro antioxidant activity of *Alpinia galangal* L.” in national conference on Phytochemical in Medicinal Plants and Food organized by Department of Biochemistry, Bharathidasan University Constituent College for Women on 1st February, 2018.
6. Participated and presented “*In vitro* Cytotoxic Activity of the Rhizome extract of *Drynaria quercifolia* (L.) J. Smith. Against Human Liver Cancer cell Line” in one day international conference on New Vistas in life sciences organized by PG Department of Biochemistry, Holy Cross College, Tiruchirappalli on 11th September, 2018.
7. Participated and presented a paper “Protective Effect of *Drynaria quercifolia* (L.) J. Smith. Rhizome on the Expression of Caspase-3 in Cadmium Chloride Induced Toxicity In Rats” in international conference on Cancer inferno and its strategies (ICCIPS-2019) organized by PG Department of Biochemistry, Periyar EVR College (Auto), Tiruchirappalli on 22nd February, 2019.
8. Participated and presented a paper “Antioxidant Potential And Molecular Docking Studies On *Myristica fragrans* Against Human Colorectal Cancer” in National Conference on Recent Trends in Chemical Biology and Therapeutics (ETIC-2019) organized by Department of Biochemistry, Idhaya College for Women, Sarugani on 9th August, 2019.
9. Participated and presented a paper “Evaluation of *In vitro* Cytotoxic Potential of *Sinapis alba* L. On HepG2 Cell Lines” in International Conference on Emerging Trends and Innovations in Chemistry (ETIC-2019) organized by Department of Chemistry, S.T.E.T Women’s College, Mannargudi 20th August, 2019.
10. Participated and presented a paper “Evaluation of Biochemical Changes in Patients with Type II Diabetes Mellitus” in International Conference on Novel Approaches in Cancer Research and Therapy organized by Department of Biochemistry, S.T.E.T Women’s College, Mannargudi 26th September, 2019.
11. Participated and presented a paper “Plants as natural antioxidants – a review” in national Conference on Next Generation Nutrition organized by Department of Nutrition and Dietetics, S.T.E.T Women’s College, Mannargudi on 27th September, 2019.

12. Participated and presented a paper “Phytomedicine – an overview” in International Conference on Natural Therapeutics (ICNT – 2020) organized by Department of Biochemistry, Dharmapuram Gnanmbigai Govt. Arts College (W), Mayiladuthurai on 7th February, 2020.
13. Participated and presented a paper on Nutritional assessment and in vitro antioxidant activity of fresh, frozen and dried seeds of *Pisum sativum* L. in the International Conference on Recent advances in Therapeutics organized by Research Department of Biochemistry, Shrimatni Indira Gandhi College, Trichy on 17th August 2022.
14. Participated and presented a paper on Nutritional assessment and in vitro antioxidant activity of fresh, frozen and dried seeds of *Pisum sativum* L. 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 10th February, 2023.
15. Participated and presented a paper on Evaluation of in vitro anti-inflammatory activity of the tuber extract of *Amorphophallus paeoniifolius* (Dennst.) Nicolson 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 15th February, 2023.
16. Participated and presented a paper on Phytochemical screening and in vitro anticancer activity of bark extract of *Ziziphus mauritiana* Lam. on HEPG2 cell lines 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 07th March, 2023.
17. Participated and presented a paper on Nutritional assessment of the seed extract of *Cucurbita pepo* L. 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 23rd March, 2023.
18. Participated and presented a paper on Synthesis of silver nanoparticles from fruit peels and its potential as an antioxidant in the 44 th Annual conference of Indian Association of Biomedical Scientists (IABMS) & “National Conferences on Post Covid 19 Pandemic and Translational Research (NCPCPE-CTR) conducted by Department of Microbiology, M.R Government Arts College, Mannargudi from 08th to 10th January, 2024.
19. Participated and presented a paper on Apoptosis in cancer: from pathogenesis to treatment” in the Two days International Conferences on Molecular basis of Cancer &Prevention ” conducted by Department of Life sciences, Ponnaiyah Ramajayam Institute of Science and Technology (PRIST),Thanjavur on 07.02.2024 and 08.02.2024.
20. Participated and Presented a paper on *In vitro* anticancer activity of green synthesized silver nanoparticles using the seed extract of *Cucurbita maxima* against human colorectal adenocarcinoma cell line (HT-29) in the Bioinformatics and Drug Discovery Society (BIDDS) organized an DBT-CTEP sponsored “International Conferences on Structural Biology and Drug Discovery (ICSBDD-2024)” conducted by PG and Research Department of Biochemistry in association with IQAC, S.T.E.T. Women’s college (Autonomous), Sundarakkottai, Mannargudi on 16th and 17th February, 2024.

21. Participated and presented a paper on screening of bioactive compounds of the seeds of selected plants from Cucurbitaceae family in the “International Conferences on “Inspiring Microbiome for The future Generation (IMFG-2024)” conducted by PG and Research Dept. of Microbiology in association with Microbiologists Society, India and IQAC, S.T.E.T. Women’s college (Autonomous), Sundarakkottai, Mannargudi on 26th & 27th February, 2024.
22. Participated and presented a paper on Phytochemical profiling of seeds extract of *Foeniculum vulgare* in the Two Days International Conferences on “Recent Research in physical and biochemical sciences (RRTPBS) 2024, Organized by Department of Biochemistry, Chemistry and Physics Idhaya College for women, Sarugani on 19th & 20th September, 2024.
23. Participated and presented a paper on Exploring anticancer activity of phytoconstituents of *Foeniculum vulgare* Mill. for the management of Breast Cancer: an *in silico* approach in the “International Conferences on Phytopharmaceuticals- An Emerging Platform to Sustainable Health Care (ICPEPSH-2024)” conducted by PG and Research Department of Biochemistry in association with IQAC, S.T.E.T. Women’s college (Autonomous), Sundarakkottai, Mannargudi on 25th & 26th September, 2024.
24. Participated and presented a paper on Phytochemical Screening and In vitro antioxidant potential of the seed extract of *Foeniculum vulgare* Mill in International virtual conference on “Exploring the Frontiers of Life Sciences: Interdisciplinary Perspectives (EFLS’24)” organized by Department of Botany, Seethalakshmi Ramaswamy College, Trichy on 23rd December 2024.
25. Participated and presented a paper on “Exploring the phytochemical potential of pumpkin, cucumber and watermelon seeds: A preliminary analysis” in the International Conference on phytochemicals as lead compounds in new drug discovery (PLCNDD-2025) conducted by PG and Research Department of Biochemistry in association with IQAC, Rabiammal Ahamed Maideen College for Women, Thiruvavur on 24th January 2025.
26. Participated and presented a paper on “Pharmacological properties of *Plumbago zeylanica*: A comprehensive review” in the International Conference on new directions in environmental ecology and historical climate changes for a sustainable future organized by School of life sciences, Marudupandiyar College, Thanjavur on 13th February 2025.
27. Participated and presented a paper on “Unlocking the Therapeutic Potential of MicroRNAs: A New Frontier in Treating Human Diseases” in national Conference on Microbial insights: current trends, challenges and future frontiers (MICTCFF-2025) PG and Research Department of Microbiology in association with Microbiologists Society, India and IQAC, S.T.E.T. Women’s college (Autonomous), Sundarakkottai, Mannargudi on 26th & 27th February, 2025.

Attended only -02

1. Participated in national Conference on “Natural resources and human health” organized by Department of Biochemistry, Enathi Rajappa Arts and Science College, Thanjavur. on 29th & 30th October, 2012.

2. Participated in national Conference on “Recent advances in Herbal drug research and sustainable health care” at Periyar Mniammai University, Thanjavur on 8th to 9th March, 2013.

11. Seminars : (Total = 21)**Presented - 11**

1. Participated and presented a paper “Antioxidant and antimicrobial activities of *Origanum majorum* Linn.” in national Seminar on “Biotechnological and Nanotechnological approaches in food processing” organized by Department of Microbiology, Biochemistry and Nutrition & Dietetics, S.T.E.T. Women’s College, Mannargudi on 21th January, 2012.
2. Participated and presented a paper “Screening of phytochemicals of *Drynaria quercifolia* rhizome” in a national seminar on “Herbal Focus – 2014 Medicinal Plant Research – Prospects & Challenges.” organized by Srimad Andavan Arts and Science College, Trichy, on 13th & 14th February, 2014.
3. Participated and presented a paper on “Analgesic activity of rhizome extract of *Drynaria quercifolia* L. in albino rats” in International Seminar on New Frontiers and Challenges in Environmental Sciences (Bioenviron-16) organized by School of Life Sciences, Marudupandiyar College, Thanjavur on 11th & 12th February, 2016.
4. Participated and presented a paper on HPTLC finger print profile of the rhizome of *Drynaria quercifolia*” in the one day International Seminar on Microbes, Microbial Processes and Products (MMPP-17). Organized by Department of Microbiology. S.T.E.T. Women’s College, Mannargudi on 12th September, 2017.
5. Participated and presented a paper on “Effect of rhizome extract of *Drynaria quercifolia* on cadmium chloride induced hepatotoxic rats” in the one day National Seminar on Herbal drug development. Organized by Department of Biochemistry. S.T.E.T. Women’s College, Mannargudi on 22nd September, 2017.
6. Participated and presented a paper “Phytochemicals as Hepatoprotectant- An overview” in national seminar on “Modern trends in Chemistry” organized by Department of Chemistry, S.T.E.T. Women’s College, Mannargudi on 20th December, 2017.
7. Participated and presented a paper “Effect of *Drynaria quercifolia* (L.) J. Smith rhizome on cadmium chloride induced hepatotoxic rats” in National Seminar on Current perspectives and challenges in biological sciences organized by Department of Biochemistry, Rajah Sefoji Govt College, Thanjavur on 6th March, 2018.
8. Participated and presented a paper “Phytochemical screening and *In vitro* antimicrobial activity of the seeds of *Lipidium sativum*” in International Seminar Microbial Interventions for the Welfare of Human Beings (MIWHB 2019) organized by Department of Microbiology, S.T.E.T. Women’s College, Mannargudi on 9th August, 2019.
9. Participated and presented a paper “Phytochemicals as anticancer agents - a review” in National Seminar on Novel Approaches and Future aspects for Cancer Therapy (ONCO-2020) organized by School of Life Sciences, Maruthupandiyar College, Thanjavur on 7th February, 2020.

10. Participated and presented a paper *In vitro* evaluation of antimicrobial activity of *Syzygium aromaticum* in National Seminar 2021 on Entrepreneurial Spectrum of Microbial Technology – Agriculture, Industry and Medicine sponsored by Tamil Nadu State Council for Higher Education organized by PG and Research Department of Microbiology, M.R. Government Arts College, Mannargudi on 5th March, 2021.
11. Participated and presented paper “Evaluation of *in vitro* anti-inflammatory activity of the tuber extract of *Amorphophylus paenifolius* (denest) Nicolson” in International seminar on “Recent advances in Translational Medicine” at Maruthupandiyar College, Vallam, Thanjavur on 26th November, 2021.

Attended only - 10

1. Participated in a seminar on “Research Avenues in Biosciences.” Organized by school of life sciences, Marudupandiyar College, Thanjavur, on 29th January, 2013.
2. Participated in National Seminar on “Clinical Research (NSCR-15)” organized by Department of Biochemistry, St. Joseph’s College (A), Thiruchirapalli on 21st January, 2015.
3. Participated in State level seminar on “Recent Advances in Biochemistry” organized by Department of Biochemistry, Rabiammal Ahmad Mohaideen College for Women on 22nd January, 2015.
4. Participated in the state level seminar on “Emerging Trends in Biosciences and Future Prospects organized by School of Biosciences, Marudupandiyar College, Thanjavur on 26th February, 2015.
5. Participated in the International Seminar on Frontiers in Biological Sciences (ISFBS’16) organized by Department of Biochemistry and Biotechnology, St. Joseph’s College (A), Trichy on 16th December, 2016.
6. Participated in the International Seminar on Chemical Biology organized by PRIST University, Vallam, Thanjavur on 29th December, 2016.
7. Participated in national symposium on Medical and Aromatic plants (NASYMP’17) organized by Department of Biochemistry, St. Joseph’s College, Tiruchirappalli on 15th February, 2017.
8. Participated in national seminar on “Biological and Medical applications of foldscope and Mycorrhizal commercial productions” organized by PG and Research Department of Microbiology, M.R. Govt. Arts College, Mannargudi on 31st January, 2019.
9. Participated in national seminar on Global Challenges and Intercollegiate Competition of life sciences organized by School of Life Sciences, Marudupandiyar College, Thanjavur on 15th February, 2019.
10. Participated in international seminar on Intellectual Property Rights-Emerging Issues and Challenges” organized by Department of Commerce and Intellectual Property Rights Cell S.T.E.T Women’s College, Mannargudi on 11th September 2019.

12. Workshop attended: (Total = 11)

1. Participated in workshop on “Clinical Instrumentation” organized by Department of Biochemistry, S.T.E.T Women’s College, Mannargudi on 31st August, 2012.
2. Participated in the one day workshop on “Molecular Techniques” organized by PG and Research Department of Microbiology in collaboration with Bharathidasan University, Tiruchirappalli on 10th January, 2015.
3. Participated in the one day International Workshop on Biochemical & Bioinformatics Techniques. Organized by Shrimathi Indira Gandhi College, Tiruchirappalli on 5th September, 2017.
4. Participated in the Science Academies Lecture Workshop on “Current Scenario in Life Sciences” organized by Department of Life Science, S.T.E.T Women’s College, Mannargudi on 11th & 12th October, 2017.
5. Participated in International Lecture Workshop on “Research Methodology” organized by Department of Economics and Business Administration, S.T.E.T Women’s College (Autonomous), Mannargudi on 4th January, 2019.
6. Participated in Workshop on assessment of outcome based education organized by IQAC, S.T.E.T Women’s College (Autonomous), Mannargudi on 4th June, 2022.
7. Participated in Three days’ Workshop on Statistical Applications organized by IQAC and R & D Cell, S.T.E.T Women’s College (Autonomous), Mannargudi from 7th to 9th July, 2022.
8. 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.
9. Participated in CSIR-HRDC sponsored National Conference cum Workshop on “Determination of three Dimensional Structures of small and macromolecules using Single Crystal X-Ray Diffraction” by PG and Research Department of Chemistry and Physics, S.T.E.T. Women’s college (Autonomous), Sundarakkottai, Mannargudi on 11.12.2023 -15.12.2023.
10. Participated in “The A Five-Day Workshop on “AI in Education” Organized by RCHUB Research Academy, Chennai in association with IQAC of STET Women’s College, (Autonomous), Sundarakkottai, Mannargudi from 16.12.2024 to 20.12.2024.
11. Participated in a two day workshop on food safety and quality assurance (FSQA-2025). Department of Nutrition and Dietetics, in association with IQAC, S.T.E.T Women’s College, Mannargudi on 3rd & 4th March, 2025.

13. Faculty Development Programme attended - (Total = 43)

1. Participated in the Faculty Development Programme on “Guidance & Counselling” organized by S.T.E.T Women’s College, Mannargudi on 24th & 25th July, 2010
2. Participated in the Faculty Development Programme on “Tips for Effective Teaching & Teaching Value” organized by S.T.E.T Women’s College, Mannargudi on 4th June, 2011.
3. Participated in the Faculty Development Programme on “SET, NET Coaching class” organized by S.T.E.T Women’s College, Mannargudi on 30th July, 2011.
4. Participated in the Faculty Development Programme on “Innovative Methods in Teaching & Learning Process” organized by S.T.E.T Women’s College, Mannargudi on 18th December, 2012.
5. Participated in the Faculty Development Programme on “Instructional Design for e-content Development” organized by S.T.E.T College, Mannargudi from 11th to 13th June, 2013.
6. Participated in the Faculty Development Programme on “SET, NET Coaching class” organized by S.T.E.T Women’s College, Mannargudi on 26th May, 2014.
7. Participated in the Faculty Development Programme on “SET, NET Coaching class” organized by S.T.E.T Women’s College, Mannargudi on 5th June, 2014.
8. Participated in the Faculty Development Programme on “How to use NPTEL Resources” organized by S.T.E.T Women’s College, Mannargudi on 14th July, 2014.
9. Participated in the Faculty Development Programme on “Research Proposal & Funding Agencies” organized by S.T.E.T Women’s College, Mannargudi on 15th November, 2014.
10. Participated in the Faculty Development Programme on “From Good to great and Nonverbal Communication for teachers” organized by S.T.E.T Women’s College, Mannargudi on 26th September, 2015.
11. Participated in the Faculty Development Programme on “Office Management” organized by S.T.E.T Women’s College, Mannargudi on 31st December, 2016
12. Participated in the Faculty Development Programme on “Effective Communication Skills” organized by S.T.E.T Women’s College, Mannargudi on 11th April, 2017
13. Participated in the Faculty Development Programme on “Effective Scientific Paper Writing” organized by S.T.E.T Women’s College, Mannargudi on 05th May, 2017.
14. Participated in the Faculty Development Programme on “How to Plan, Draft and Complete the Research problem” organized by S.T.E.T Women’s College, Mannargudi on 06th May, 2017.
15. Participated in the Faculty Development Programme on “Biomedical Nanotechnology” organized by NPTEL, IIT, Chennai on August to September, 2018.
16. Participated in the Faculty Development Programme on “Introduction to Research”

organized by NPTEL- AICTE from February to April, 2019.

17. Participated in the Faculty Development Programme on Intellectual Property Rights (IPR) organized by S.T.E.T Women's College, Mannargudi on 08th July, 2019.
18. Participated in the five days online Faculty Development Programme entitled E teaching and E learning organized by Department of Sociology, DDGD Vaishnav College, Chennai from 29.06.2020 to 03.07.2020.
19. Participated in the online Faculty Development Programme on "Digital Literacy: A Pre-requisite for Effective Teaching – Learning Process and Research Development" Organized by Department of Physics, Sengamala Thayaar Educational Trust Women's College (Autonomous), Mannargudi on 15th & 16th March 2021.
20. Participated in the online Faculty Development Programme entitled "Outcome Based Curriculum Framework" organized by PG & Research Department of Computer Science S.T.E.T Women's College (Autonomous), Mannargudi with ICT ACADEMY on 28th April 2021.
21. Participated in national level five day online Faculty Development Programme on "Research Methodology" organized by IQAC, Kamla Nehru Mahavidhyalaya, Nagpur from 26.04.2021- 01.05.2021.
22. Participated in two weeks online Faculty Development Programme on "Pedagogy and Research Methods" organized by HRDC and IQAC, AMET deemed to be University from 24.05.2021 to 06.06.2021.
23. Participated in the online Faculty Development Programme on "Intellectual Property Rights" organized by Institution's Innovation Council of PPG College of Arts and Science, Coimbatore on 31st May 2021.
24. Participated in the online Faculty Development Programme on "revised NAAC Accreditation Framework Perceptions" organized by IQAC, S.T.E.T Women's College (Autonomous), Mannargudi on 04.06.2021 & 05.06.2021.
25. Participated in the online Faculty Development Programme on "ICT tools for effective Teaching Learning" organized by IQAC, Kamla Nehru Mahavidhyalaya, Nagpur from 08.06.2021- 10.06.2021.
26. Participated in Two Days - State Level Faculty Improvement Programme on "Research Proposal Writing and Funding Opportunities" through online mode organized by PG and Research Department of Commerce in collaboration with Indian Academic Researchers Association Tiruchirappalli on 11.06.2021 & 12.06.2021.
27. Participated in Three Days Online Faculty Development Programme on "Prospects and Challenges of IPR" organized by PG and Research Department of Microbiology, Sengamala Thayaar Educational Trust Women's College, (Autonomous), Sundarakkottai, Mannargudi on 18.06.2021 to 20.06.2021.

28. Participated in the Faculty Development Programme on “understanding pedagogy and research output” organized by PG and Research Department of Biochemistry in Association with IQAC S.T.E.T Women’s College (Autonomous), Mannargudi from 23.06.2021 to 24.06.2021.
29. Participated in the Faculty Development Programme on “Application of tools and techniques in research methodology” Organized by Department of Physics, Sengamala Thayaar Educational Trust Women’s College (Autonomous), Mannargudi on 23rd & 24th June 2021.
30. Participated in the National Level Faculty Development Programme on titled “From Research to Publication” organized by Guru Shree Shantivijai Jain College For Women, Vepery, Chennai from 18th August - 25th August 2021.
31. participated in the online Faculty Development Programme on “Research Proposal to Patenting - A Road Map” jointly organized by Internal Quality Assurance Cell [IQAC] & PG and Research Department of Biochemistry, Srimad Andavan Arts and Science College (Autonomous), Tiruchirappalli - 620005, held from 25th to 27th August 2021.
32. Participated in three days online Faculty Development Programme on “Environmental Issues and Ethics” organized by the Department of Mathematics in association with IQAC, Sengamala Thayaar Educational Trust Women’s College (Autonomous), Mannargudi from 17.09.2021 to 19.09.2021.
33. Participated in the national level Faculty Development Programme on “Drafting Effective Research Proposal for funding agency-challenges and strategies” organized by Department of commerce, Virudhunagar Hindu Nadar’s Senthikumara College, Virudhunagar on 15th & 16th September 2021.
34. 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.
35. Participated in the Faculty Development workshop on “How to write a World class research paper from title to reference and from submission to revision” organized by IQAC and R&D Cell, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 17th and 18th September 2022.
36. Participated in the Faculty Development Programme on “Learning outcome Based Curriculum Framework” organized by CDC and IQAC, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 22th to 24th November 2022.
37. Participated in the Faculty Development Programme on “Learning outcome Based Curriculum Framework” organized by CDC and IQAC, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 25th November 2022.
38. Participated in One Week Online Short Term Faculty Development Program on “Ethics in Academic Research Writing” organized by Human Resource Development Centre

(HRDC) & AMET Business School from 30-01-2023 to 04-02-2023.

39. Participated in the Faculty Development Programme on “IPR concepts to compliance organized by Intellectual Property Rights” organized by S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 7th October 2023.
40. 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 04th March, 2023.
41. Participated in the five day online International Faculty Development Programme on “Emerging Technologies and Future trends” organized by Department of Computer Applications Forum for Information Technology (FIT), Loyola College, Chennai from 15th to 19th October, 2024.
42. Participated in a five day online national Faculty Development Programme on “Beyond boundaries: Driving innovation in research” organized by Committee for Research ethics, publications and IPR, Auxilium college, Vellore from 26.12.2014 to 30.12.2024.
43. Participated in a five day Professional Development Programme on “The Art of Doing research: Journey, Writing and Publications” organized by R & D cell, S.T.E.T. Women’s College (Autonomous), Sundarakkottai, Mannargudi on 20.05.2025-24.05.2025.

14. Training Programmes attended: (Total = 04)

1. Participated in special training programme in Human Resource Development organized d by Balaji Institute of modern Management, Pune, from 19th to 23th November, 2012.
2. Participated in the training programme on “Hormone Analyzer in Immunological Marker” organized by SHUBICK Hormone Analyzer Lab at Pattukkottai on 18th October, 2014.
3. Participated in Skill Development programme on “Manufacturing of Water Based Paints” organized by Department of Biochemistry and Department Chemistry, S.T.E.T Women’s College (Autonomous), Mannargudi on 3rd and 4th March, 2022.
4. Participated in the training programme on Bioentrepreneurship and Product Development at Tropical Biosciences Pvt Ltd, Othakalmandapam, Pollachi Main Road, Coimbatore on 30.01.2025 - 31.01.2025.

15. Special Courses Completed (Total = 02)

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

- Biomedical Nanotechnology - August to November 2018 (4 week course).
- Introduction to Research - February to April 2019 (8 week course).

16. Orientations/Refresher Courses attended: (Total = 03)

1. Attended Orientation Course on “ICT enabled teaching methodology” organized by A.V.C College (Autonomous), Mayialaduthurai on 19.4.2011 – 23.04.2011.
2. Attended Orientation Course on Soft Skill Development” organized by A.V.C College (Autonomous), Mayialaduthurai on 17.04.2013 – 20.4.2013.
3. Attended UGC-HRDC sponsored online Refresher Course in Biochemistry & Biotechnology organized by Bharathidasan University, Tiruchirappalli on 07.10.2022 to 20.10.2022.

17. Short Term Courses Attended (Total = 02)

1. Participated in online Short Term Course Integration of ICT Tools in Teaching and Learning” organized by V.H.N Senthikumara Nadar College (Autonomous), Virudhunagar, Tamil Nadu from 26.07.2021 to 30.07.2021.
2. 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 20.09.2023 to 26.09.2023.

18. Books/Books Chapters Published: (Total = 01)

Uma U, and **Prasanna G.** 2021. Phytochemical, Proximate and Vitamin analysis of dried fruit extract of *Ficus carica* L., Compendium of Chapters in Modern Bodren Biology, ISBN: 978-93-93737-39-7 179-188.

19. Research Articles Published: (Total = 37)

1. Prasanna, G. and Goupriya, D. 2011. Anti-inflammatory activity of ethanolic extracts of *Crataeva religiosa* Frost in carrageenan induced albino rats. *Advances in Pharmacology and Toxicology*, 12(1):11-18.
2. Prasanna, G. and Mahalakshmi, A. 2011. Nephroprotective effect of *Syzygium cumini* Linn. Against paracetamol induced toxicity in albino rats. *Advances in Pharmacology and Toxicology*, 12(3):25-32.
3. Prasanna, G. and Sathya, G. 2011. Cardioprotective effect of *Nelumbo nucifera* Linn., leaf extract on Aluminium Chloride induced toxicity in albino rats. *International journal of Pharmacology and Biological Sciences*, 5(3): 61-67.
4. Prasanna, G. Vembu, S, and Sivanesan, D. 2012. Effect of *Phoenix dactylifera* on high fat diet induced obesity. *Journal of Chemical and Pharmaceutical Research*, 2012, 4(1):348-352.
5. Prasanna, G and Arivumani, S. 2012. Protective effect on *Hygrophila auriculata* leaf extract on cadmium chloride induced hepatotoxicity in albino wistar rats. *Asian Journal of Bio.Sciences*, 7(1): 39-43.
6. Prasanna, G, and Reka, A. 2012. Phytochemical and antimicrobial activity of *Mentha arvensis* L. *Journal of Microbial World*, 14(1):103-106.
7. Prasanna, G, and Elakkiya, P. 2012. A Study on Phytochemical Screening and invitro Antioxidant Activity of *Calotropis gigantea* L. *International Journal of PharmTech Research*, 4(4): 1428-1431.

8. Prasanna, G. and Reka, B. 2012. Isolation and Characterisation of Endophytic Bacteria. *Journal of pure and Applied Microbiology*, 6(3): 1243-1250.
9. Prasanna.G and Sathya, K. 2012. Antiulcer activity of *Dodonaea viscosa* leaf extract in aspirin induced albino rats. *Asian Journal of Biological and Life Sciences*, 1(3):233-237.
10. Prasanna, G and Sutha, S. 2013. Antidiabetic and antilipidemic effect of ethanolic extract of *Shorea robusta* Gaertn. F in alloxan induced rats. *Journal of Herbal Medicine and Toxicology*, 7(1) 67-72.
11. Prasanna, G, and Ramya, S. 2013. Nephroprotective effect of *Camellia sinensis* L. on lead acetate induced male albino rats. *International Journal of PharmTech Research*, 5(2): 511-515
12. Prasanna, G, and Akila, M. 2014. Hepatoprotective effect of *Indigofera linnaei* Ali. On carbon tetrachloride induced wistar albino rats. *International Research Journal of Pharmacy*, 5(5):392-395.
13. Prasanna, G, and Nivetha, J. 2014. Nephroprotective effect of *Myrica fragrans* against gentamicin induced toxicity in albino rats. *An International Journal of Advances in Pharmaceutical Sciences*, 5(3):2039-2045.
14. Prasanna, G, Chitra, M. and Janaranjani, B. 2014. Anti-inflammatory and antipyretic activities of *Drynaria quercifolia* rhizome in rats, *In J of Pharmaceutical Sciences Rev. Research*, 29(1): 57-61.
15. Prasanna, G, Chitra, M and Suvitha, N. 2014. *In vitro* antimicrobial activity of *Drynaria quercifolia* L. Rhizome, *Asian j of Biomedical and pharmaceutical Research*, 3(4): 342-349.
16. Prasanna , G and Nisha, S. 2014. A comparative study on antioxidant activity of flowers and leaves of *Plumeria alba*, *World J of pharmaceutical Sciences*, 2(12): 1735-1740.
17. Prasanna.G, and Chitra, M. 2015. *In vitro* Anti-inflammatory activity of *Drynaria quercifolia* rhizome. *Research Journal of Pharmacognosy and Phytochemistry*, 7(1): 6-8.
18. Prasanna, G and Chitra, M. 2015. Phytochemicals Screening and GC-MS Analysis of *Drynaria quercifolia* Rhizome. *American Journal of Advanced Drug Delivery*, 3 (1): 072-078.
19. Prasanna, G and Ramya, S 2015. Biochemical studies on blood sample of diabetes mellitus patients. *Journal of Chemical and Pharmaceutical Research*, 7 (6):22-26.
20. Prasanna, G. and Chitra, M. 2015. *In vitro* Antioxidant Activity of *Drynaria quercifolia* L. rhizome. *IJPSR*, 6(7): 3061-3066.
21. Prasanna, G and Gowsalyadevi, P. 2015. *In vitro* Antioxidant Effect of *Ionidium Suffruticosum* (Ging). *World Journal of Pharmaceutical Research*, 4(7): 541-552.
22. Prasanna, G, and Anuradha, R. 2015. Evaluation of *In Vitro* antioxidant activity of rhizome extract of *Drynaria quercifolia* L. *International Journal of Chem Tech Research*, 8(11): 183-187.
23. Prasanna, G and Devika, V. 2016. *In vitro* hepato protective activity of *Drynaria quercifolia* L. *World Journal of Pharmacy Pharmaceutical Sciences*, 2016, 5(1): 512-527.

24. Prasanna, G, Padmaselvi, B and Anuradha, R. 2016, Physicochemical and phytochemical analysis of the rhizome of *Drynaria quercifolia* L. *Int J phytopharmacy Research*, 7(1), 18-22.
25. Prasanna, G and Anuradha, R. 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,
26. Prasanna, G and Nivetha, K. 2016. GC-MS and FT-IR analysis of *Nigella sativa* L. seeds. *Intl J of Advanced Research in Biological Sciences*, 3(6):45-54.
27. Prasanna, G and Manohari, R. 2016. *In vitro* antioxidant and antimicrobial activities of *Aerva lanata* L., *Int J Pharmacy and pharmaceutical Research*, 6(2): 191-201.
28. Prasanna, G and Kalaivani, K. 2016. HPTLC Finger Print Profile and evaluation of *in vitro* antimicrobial activity of *Mirabilis jalapa* L. flowers, *Int J of Current Microbiology and Applied Sciences*, 5(6): 642-654.
29. Prasanna, G and Arthi, V. 2016. HPTLC Finger Print Profile and *in vitro* Antioxidant Activity of *Gomphrena globosa* L. Flowers, *Int. J. Pharm. Sci. Rev. Res*, 39(1): 208-215.
30. Prasanna, G and Anuradha, R. 2016. A Comprehensive Review on Phytopharmacological Activities of *Drynaria quercifolia* L. *International Journal of Pharmacognosy and Phytochemical Research*, 8(8); 1304-1313.
31. Prasanna, G and Anbukkarasi G. 2018. *In vitro* antioxidant activity of *Madhuca indica* L. *European Journal of Biomedical and Pharmaceutical sciences*, 5(6); 550-555.
32. Prasanna. G and Kavitha. R, 2018. Phytochemical screening and *in vitro* anti-inflammatory activity of aerial parts of *Tridax procumbens* L. *Int. J. Pharm. Sci. Rev. Res.*, 50(2); 115-120
33. Prasanna. G and Vinitha, M. Phytochemical screening and *in vitro* antimicrobial activity of *Gmelina asiatica* L. bark. *Journal of emerging technologies and innovative research*, 2019; 6(3):604-616.
34. Prasanna. G, Devi R, Ishwarya G, 2019. *In vitro* evaluation of antidiabetic and cytotoxicity potentials of the rhizome extract of *Drynaria quercifolia* (L.) J. Smith, *Asian Journal of Pharmaceutical and Clinical Research* 12 (11): 72-76.
35. Prasanna. G and Janani. K. 2019. *In vitro* evaluation of antioxidant and cytotoxic activities of the leaf extracts of *Aristolochia indica*, *J. Sci.Trans. Environ. Technovotion*, 12(3): 120-126.
36. Prasanna. G and Vidhyasri. K. 2020. Phytochemical screening, *In vitro* Antioxidant, Antimicrobial and Anti-inflammatory activities of aqueous extract of *Melia azedarach*, *International Journal of Research* (UGC listed Journal), IX(X): 22-29.
37. Prasanna, G and Anuradha, R. 2024. Protective Effect of the Rhizome Extract of *Drynaria quercifolia* (L.) J. Smith. on Cadmium Chloride induced hepatotoxic rats, *African Journal of Biological Sciences*, 6(8); 1733-1754.

20. Research Article Published in Conference Proceedings: (Total = 05)

1. Published a paper in National Seminar proceeding entitled “Physicochemical, Phytochemical and spectral analysis of Selected Medicinal Plants” in National Seminar on Herbal Drug development organized by PG & Research Department of Biochemistry, S.T.E.T Women’s College (Autonomous), Mannargudi (ISBN: 978-9-384008-27-7).
2. Published a paper in International Conference on Novel Approaches in Cancer Research and Therapy, proceedings entitled “Evaluation of Biochemical Changes in Patients with Type II Diabetes Mellitus” in International Conference on Novel Approaches in Cancer Research and Therapy organized by PG & Research Department of Biochemistry, S.T.E.T Women’s College (Autonomous), Mannargudi (ISBN: 978-9-384008-78-9, 45-57).
3. Published a paper in International Conference proceedings entitled “Nutritional assessment and in vitro antioxidant activity of fresh, frozen and dried seeds of *Pisum sativum* “International Conference on “Phytotherapeutics” organized by PG & Research Department of Biochemistry, S.T.E.T Women’s College (Autonomous), Mannargudi, (ISBN: 978-9-384008-82-6).
4. Published a paper in conference proceedings entitled *In vitro* anticancer activity of green synthesized silver Nanoparticles using the seed extract of *Cucurbita maxima* against Human Colorectal Adenocarcinoma Cell Line (HT-29) in International Conference on DBT-CTEP sponsored International Conference on “Structural Biology & Drug Discovery” (ICSBDD-2024) organized by PG & Research Department of Biochemistry, S.T.E.T Women’s College (Autonomous), Mannargudi (ISBN: 978-93-84008-10-9).
5. Published a paper in conference proceedings entitled Phytochemical Screening and In vitro antioxidant potential of the seed extract of *Foeniculum vulgare* Mill. in International virtual Conference on Exploring the frontiers of life sciences: interdisciplinary perspectives-EFLS’2024-VOLUME II organized by Department of Botany, Seethalakshmi Ramaswamy college, Trichy. (ISBN: 978-93-94638-35-8).

21. Patent Filed (Total = 01)

Application Number: 202341049891

Date of Filing: 24/07/2023

Title of Invention: Bio- Engineering Strategies for breast cancer Diagnosis and therapy treatment

Field of Invention: CHEMICAL

Publication Date (U/S 11A): 01/09/2023

22. Research Experiences**Dissertation and Thesis submitted**

- **Ph.D., 2018.** Hepatoprotective activity of the rhizome of *Drynaria quercifolia* (L.) J. Smith. on cadmium chloride induced toxicity in rats.
- **M. Phil., 2004.** Plant regeneration and *Agrobacterium* mediated Genetic transformation in *Vigna radiata* L.
- **M.Sc., 2000.** Evaluation of Lipid peroxidation and Antioxidants in Gastric Ulcer.

M.Phil Thesis Completed under my Guidance (Total = 05)

1. Janani, K. 2018, *In vitro* antioxidant and cytotoxic potential of *Aristolochia indica* leaves.
2. Elakkiya, M. 2019, Green Synthesis of Silver Nanoparticles from aqueous leaves extract of *Heliotropium indicum* L. and their Anticancer activity on HEPG2 Cell line.
3. Vidhyasri, K. 2020. Phytochemical screening, *in vitro* Antioxidant, Antimicrobial and Anti-inflammatory activities of aqueous extract of *Melia azedarach*.
4. G.Priyanka, 2022. *In vitro* evaluation of anticancer activity of seed extract of *Cucurbita Pepo* L. on Breast Cancer Cell Lines (MDA-MB-231).
5. M.Nandhini, 2023. *In vitro* anticancer activity of green synthesized silver nanoparticles using the seed extract of *Cucurbita maxima* against human Colorectal Adeno carcinoma cell line (HT-29).

PG Dissertations completed under my Guidance (Total = 61)

1. Esther Mary, A. 2009. Comparative study on antioxidant and antimicrobial activity of *Pergularia daemia* and *Origanum majorum*.
2. Goupriya, D. 2009. Anti-inflammatory, Anti pyretic and Analgesic studies on *Crataeva religiosa* frost in albino rats.
3. Ramya, S. 2009. Nephroprotective effect of *Camellia sinensis* L. on lead acetate induced nephrotoxicity in male albino rats.
4. Reka, A. 2009. A Study on phytochemicals and antimicrobial activity of *Mentha arvensis* L.
5. Elakkiya, P. 2010. A Study on phytochemical screening, invitro antioxidant and antimutagenic activity of *Calotropis gigantea* L.
6. Reka, B. 2010. Isolation and characterization of endophytic bacteria.
7. Sudha, S. 2010. Hepatoprotective effect of *Punica granatum* Linn. against ethanol induced liver toxicity in albino rats.
8. Vijaya, R. 2010. Anti-inflammatory and antioxidant activities of *Luffa acutangula* Linn. against carangeenan induced albino rats.
9. Arivumani, S. 2011. Protective effect of *Hygrophila auriculata* leaf extract on cadmium chloride induced hepatotoxicity in albino wistar rats.
10. Kalaivani, S. 2011. Protective effect of *Aegle marmelos* Linn. leaf extract on ethanol induced ulcerogenic rats.
11. Mahalakshmi, A. 2011. Nephroprotective effect of *Syzygium cumini* L., against paracetamol induced toxicity in albino rats.
12. Sathya, G. 2011. Cardioprotective effect of *Nelumbo nucifera* Linn. leaf extract on aluminium induced toxicity in rats.
13. Manohari, R. 2012. Invitro antioxidant and antimicrobial activity of *Aerva lanata* L.
14. Sathya, K. 2012. Anti-ulcer activity of *Dodonaea viscosa* leaf extract in aspirin induced albino rats.
15. Sudha, S. 2012. Anti-diabetic and anti hyperlipidemic effect of ethanolic extract of *Shorea robusta* Gaertn f. in alloxan induced rats.
16. Akila, M. 2013. Hepatoprotective effect of *Indigofera linnaei* Ali. on Carbon tetra chloride induced wistar albino rats.
17. Lakshmi, J. 2013. Docking analysis of bioactive compounds against parkinson's disease.
18. Nisha, N. 2013. A comparative study on *invitro* antioxidant and antimicrobial activity of flowers and leaves extract of *Plumeria alba*.
19. Nivetha, J. 2013. Nephroprotective effect of *Myristica fragrans* against gentamycin induced toxicity in albino rats.
20. Ramya, S. 2013. Biochemical studies of blood sample of diabetes mellitus patients.
21. Gowsalyadevi, S. 2014. *In vitro* antioxidant effect of *ionidium suffruticosem* (Ging).

22. Jagadeeswari, R. 2014. Analgesic activity of *Drynaria quercifolia* L. rhizome in albino rats.
23. Janaranjani, B. 2014. Anti-inflammatory and antipyretic activities of *Drynaria quercifolia* L. in rats.
24. Kiruthika, R. 2014. Evaluation of phytochemicals, antioxidants and some vitamins in *Clitorea ternatea* leaves.
25. Manimekalai, S. 2014. Preliminary phytochemical screening and *in vitro* antioxidant activities of rhizome of *Alpinea galanga* and *Curcuma longa*.
26. Suvitha, N. 2014. *In vitro* antimicrobial activity of *Drynaria quercifolia* L. rhizome.
27. Devika, V. 2015. *In vitro* hepatoprotective activity of *Drynaria quercifolia* L. Rhizome.
28. Divya, G. 2015. Physicochemical and Bacteriological Analysis of Pond Water in Rishiyur, Thiruvarur District.
29. Padmaselvi, B. 2015. Physicochemical and Phytochemical Analysis of *Drynaria quercifolia* L. Rhizome.
30. Arthi, V. 2016. HPTLC finger print profile and *in vitro* antioxidant activity of *Gomphrena globosa* L flowers.
31. Kalaivani, K. 2016. HPTLC finger print profile of *in vitro* antimicrobial activity of *Mirabilis jalapa* L. flowers.
32. Nivetha, N. 2016. GC-MS and FT-IR analysis of *Nigella sativa* L. seeds.
33. Anbukkarasi, G. 2017. *In vitro* antioxidant activity of *Madhuca indica*.
34. Kavitha, R. 2017. Phytochemical Screening and *In vitro* Anti-inflammatory activity of aerial parts of *Tridax procumbens*.
35. Sasmitha, M. 2017. Physicochemical, Phytochemical and Spectral analysis of Selected Medicinal Plants.
36. Vinitha, M. 2017. Phytochemical Screening and *In vitro* Antimicrobial Activity of *Gmelina asiatica* Bark.
37. Devi, R. 2018. Evaluation of *In vitro* anticancer activity of the rhizome extract of *Drynaria quercifolia*(L). J.smith. against human liver cancer cell line.
38. Ishwarya, G. 2018. *In vitro* evaluation of antidiabetic potential of *Drynaria quercifolia* (L.) J.smith. rhizome.
39. Priyadarshini, T. 2018. Evaluation of biochemical changes in patients with type II Diabetes mellitus.
40. Ishwarya, K. 2019. Phytochemical screening and *In vitro* antimicrobial activity of *Lepidium sativum* seeds.
41. Karthika, R. 2019. *In vitro* anti-oxidant and molecular docking studies on *Myristica fragrans* against colorectal cancer.
42. Vivitha, K. 2019. Evaluation of *In vitro* cytotoxicity and apoptotic activity of *Sinapis alba* L. on HEPG2 cell lines
43. Geethanjali N, 2020. *In vitro* anticancer potential of green synthesized silver nanoparticles using leaves extract of *plectranthus amboinicus* l. against human liver cancer cells (HepG2)
44. Malavika, M. 2020. In vitro evaluation of anti-microbial activity of Syzygium aromatic and Ellattaria Cardamomom.
45. Uma U, 2021. Phytochemical, Proximate and Vitamin analysis of dried fruit extract of *Ficus carica* L.
46. Parkavi A, 2021. Nutritional assessment and *invitro* antioxidant activity of fresh, frozen and dried seeds of *Pisum sativum* (L.)
47. Swarnamalya V, 2021. Evaluation of Nutritional profile and *in vitro* anti-inflammatory activity of *Amorphophallus paeoniifolius* (Dennst.) Nicolson.
48. Vaishalini A, 2021. Nutritional assessment, HPTLC analysis and *invitro* anti diabetic activity of the seed extract of *Cucurbita pepo* (L.)

49. Devadharshini S 2022. Phytochemical screening and *in vitro* anti-inflammatory activity of bark extract of *Ziziphus mauritiana lam.*
50. Nandhini. M. 2022. Evaluation of *in vitro* antioxidant and anti-diabetic activities of bark extract of *Ziziphus mauritiana Lam.*
51. Swetha, M. 2022. Evaluation of *in vitro* anticancer activity of bark extract of *Ziziphus mauritiana Lam.* on HEPG2 Cell Lines.
52. Abarna A. 2023.Synthesis of silver nanoparticles using fruit peels extract and evaluation of its antibacterial activity
53. Alvini K. 2023. Silver nanoparticles from fruit peels extract as a potent and low cost anticancer tool against melanoma cell lines (SK-MEL-28)
54. Sri Subalakshmi S.S. 2023.Synthesis and Characterization of Iron Oxide nanoparticles (FeONPs) using *Annona squamosa* fruits extract and evaluation of anti-inflammatory and anticancer activity in MCF cell line.
55. Surya R. 2023. Synthesis of silver nanoparticles from fruit peels and its potential as an antioxidant and anti-inflammatory agents.
56. Bavyasri.R. 2024. Exploring Anticancer Activity of phytoconstituents of *Foeniculum vulgare* Mill. For The Management of Breast.
57. Jayasri S. 2024. Synergistic Effect of Naringenin And Quercetin on Paracetamol Induced Liver Injury In Rats
58. Karthika G, 2024. Phytochemical Profiling and Evaluation Of Anti-Cancer Activity of *Foeniculum Vulgare* Seeds Extract using MCF 7 cell line.
59. Anushya.D, 2025. Synergistic hepatoprotective potential of *Cichorium intybus* L. and *Tridax procumbens* L. on paracetamol induced hepatic injury in rats.
60. Iswarya.B. 2026. Synergistic ameliorative efficacy of *Cichorium intybus* L. and *Tridax procumbens* L. against paracetamol induced liver damage in rats.
61. Manisha.M. 2025. Assessing the antioxidant potential of *Cichorium intybus* L. and *Tridax procumbens* L. in mitigating paracetamol induced hepatotoxicity.

UG Group Project completed under my Guidance (Total = 04)

1. A.Akalya, M.Anbusri, B.Iswarya, N.Nila, K.Rajeshwari, 2023. Preliminary phytochemical screening of selected Indian spices.
2. P.Anukraga, T.Gayathri, A.Kaviya, M.Kannikaparameswari, C.Madhumitha, S.Sivaranjani, 2023. Screening of bioactive compounds of the seeds of selected plants from cucurbitaceae family.
3. K.Aarthi, R. Dhivyabharathi, G. Nishanthini, B. Ranjani, and M.Shanmugapriya, 2024. Assessment of nutritional profile and *in vitro* antioxidant activity of *Foeniculum vulgare* seeds.
4. S. Aarthi, R. Abinaya, V. Archana, B. Kavipriya, P. Keerthika, N. Vaishali, 2025. Exploring the hepatoprotective potential of *Plumbago zeylanica* L. on alcohol induced toxicity in rats.

23. Member in Professional Bodies (Total = 05)

1. Indian Science Congress Association – Annual Member-23.09.2014- 23.09.2015.
2. Indian Science Congress Association – Life member -29.03.2019 onwards.
3. Life time member in Indian Academic Researchers Association, Trichirappalli, Tamil Nadu from February 2019.

4. Arcid ID-0009-0000-1067-2984.
5. Scopus Author Id -57196531569.

24. Positions Held in College: 19

S.No	Positions	From	To	Nature of Work
1.	Class In charge	2010 2013 2018 2021 2023	2013 2016 2021 2023 Till date	<ul style="list-style-type: none"> • Register and Record maintenance • Arranging Parent meeting • Maintaining overall profile of the students • Performance analysis • Students Counseling
2.	Reception Committee for College programme	2008	Till Date	Member
3.	Tutorial ward	2008	2020	Tutor In charge
4.	Sports day Committee	2008	Till Date	Member
5.	Discipline Committee for College Programme	2008	Till Date	Student discipline in charge
6.	NAAC- Criterion-I	2012	Till Date	Department In charge
7.	NAAC- Criterion-III	2019	Till Date	Member in overall Compilation Committee
8.	National Seminar Organizing Committee	2011, 2017	-	Organizing Committee Member
9.	Certificate Course	2015	2019	Tutor
10.	M.Phil Programme	2016	2023	Research Advisor, Bharathidasan University, Tiruchirappalli
11.	International Conference	2019, 2023	-	Organizing Committee Member and Programme anchor
12.	Intercollegiate Meet 2019	2019	-	Organizing Committee Member and Programme anchor
13.	Webinars and Virtual FDP	2020	Till date	Organizing Committee Member and Programme anchor
14.	BoS Committee	2020	Till Date	Member at S.T.E.T Women's College (Autonomous), Sundarakkottai, Mannargudi
15.	IECD Diploma course (DMLT)	2018 2021	2019 Till date	Co-ordinator and Tutor
16.	Mentor-Mentee	2021 2023 batches	Till date	Mentor
16.	Value Added Course	2021	Till date	Co-ordinator (2021) & Tutor (Till date)
17.	Admission Core Committee	2024	Till date	Member
18.	Academic Council	2024	Till date	Member
19.	International Conference	2023	Till date	Co-Convener

25. Other positions Held: 08

S.No.	Positions held	From	To	Nature of Work
1.	Examiner for Board valuation in Bharathidasan University	2011	Till Date	External Examiner for UG Valuation
2.	Examiner for University UG Practical Examination	2010	Till Date	Internal Examiner at S.T.E.T. Women's College, Mannargudi.
3.	Examiner for University UG Practical Examination	2010	Till Date	External Examiner at 1. Rabiammal Ahamed Maideen College for Women, Thiruvavur. 2. D.G.G. Arts and Science College for Women, Mayiladuthurai. 3. Bharathidasan University Constituent College, Orathanadu. 4. Annai College of Arts and Science, Kumbakonam. 5. E.G.S. Pillai Arts and Science College, Nagapattinam. 6. A.D.M. College for Women (Auto), Nagapattinam.
4.	Examiner for University PG Practical Examination	2022	-	D.G.G. Arts and Science College for Women, Mayiladuthurai
5.	Question Paper Setter for UG Biochemistry	2020	Till Date	1. Bharathiyar University, Coimbatore 2. Vellalar College for Women (Auto), Erode 3. A.D.M. College for Women (Auto), Nagapattinam 4. Alagappa University, Karaikudi 5. Rajah Serfoji Govt. College (Auto), Thanjavur
6.	Examiner for M.Phil., Viva Voce	2022	-	1. Rabiammal Ahamed Maideen College for Women, Thiruvavur 2. Marudhupandiyar College, Thanjavur
7.	Reviewer for Research Article	2021	2022	Reviewer for Research Article in 1. Asian Food Science Journal 2. Asian Journal of Chemical Sciences 3. Asian Journal of Research in Biochemistry 4. Journal of Applied Life Sciences International
8.	Examiner for UG Paper Valuation	2022 to till date	-	Rajah Serfoji Govt. College (Auto), Thanjavur
