

CURRICULUM VITAE

A.M. Thafshila Aafrin

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CAREER OBJECTIVE

I am looking for the challenging job where I can utilize my talent and enhance knowledge, I want to learn from the institution, growth with institution and from my academic learning give my best to the profession.

PERSONAL QUALITIES

- Technical, Logical and innovative orientation.
- Creativity and Presentation skills.
- Enthusiastic and Hardworking.
- Ability to provide quality knowledge.

STRENGTH

- Ability to maintain high standards of achievement, behavior, discipline and punctuality amongst students.
- Optimist.
- Willingness to learn new things.
- Positive attitude.

HOBBIES

- Reading novels.
- Interacting with people.
- Listening music.
- Internet surfing.

ANNEXURE - I

1. Educational Qualifications

Educational Qualifications(Matriculation and onwards)					Subjects	Specialization (if any)
Name of the Degree exam	University/ Institution/ Board	Year of Passing	Percentage of Marks	Division/ Class/CGPA		
Matriculation	India International Matriculation School, Koothanallur, Tiruvarur District	2008	80%	First Class - Distinction	Tamil English, Mathematics Science History and Geography	-
Intermediate	Oxford Matriculation Higher Secondary School, Koothanallur.	2010	73%	First Class	Tamil English Mathematics Physics Chemistry Computer Science	-
Bachelor’s Degree	S.T.E.T Women’s College (Autonomous), Sundarakkottai, Mannargudi	2013	88%	First Class - Distinction with D+ Grade.	Biochemistry	University 1st Rank Gold Medal
Master’s Degree	S.T.E.T Women’s College (Autonomous), Sundarakkottai, Mannargudi	2015	85%	First Class - Distinction with D++ Grade.	Biochemistry	University 1st Rank Gold Medal
M. Phil.	S.T.E.T Women’s College (Autonomous), Sundarakkottai, Mannargudi	2016	91%	First Class – Exemplary with S Grade.	Biochemistry	-
Ph. D.	S.T.E.T Women’s College (Autonomous), Sundarakkottai, Mannargudi	2023 (Reg.)	Doctoral Committee Meeting II completed			
Additional Qualification						
Diploma in Office Automation (D.O.A)	TCPS Infotech India (P) Limited, Chennai.	2008	94%	First Class		National Level 3 rd rank.

ANNEXURE - II

2. Teaching Experience:

2.Experience (Enclose additional sheet, if required, in the same format):					
Post Held	University/ Institution	Period		No. of years/ months	Nature of work
		From	To		
Assistant Professor	S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016	01.07.2018	Till date	06 Years 11 Months	Teaching

3. Subjects Taught in Biochemistry:

S. No.	Name of the Institution	Subjects Taught
1.	S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016	<p>For UG</p> <ol style="list-style-type: none"> 1. Fundamentals of Biochemistry, 2. Analytical Techniques, 3. Biology I, 4. Biology II, 5. Human Physiology, 6. Microbial Biochemistry, 7. Introduction to Biochemistry, 8. Intermediary Metabolism, 9. Medical Coding, 10. Medical Laboratory Techniques, 11. Clinical Biochemistry, 12. Value education, 13. Environmental Studies, 14. Gender Studies, 15. Soft Skills Development. <p>For PG</p> <ol style="list-style-type: none"> 1. General Biochemistry and Nutrition, 2. Enzymes and Enzyme Technology, 3. Molecular Biology, 4. Developmental Biology, 5. Diagnostic Biochemistry, 6. Microbiology and Immunology, 7. Enzymology, 8. Nutritional Biochemistry, 9. Clinical Lab Technology, 10. Molecular Basis of Diseases and Therapeutic Strategies, 11. Ecology and Environmental Sciences. <p>For Value Added Course</p> <ol style="list-style-type: none"> 1. Health and Hygiene, 2. Know your Medicine, 3. Biochemical changes in Life Style Disorders, 4. First Aid 5. Nutraceuticals

ANNEXURE - III

4. Research Degrees:

Dissertation and Thesis submitted

S.No.	Category	Title	Year
1.	M.Sc., Biochemistry	Physicochemical and Microbial Analysis of Pond Water at Sundarakkottai, Mannargudi, Tiruvarur District, India. M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2015
2.	M.Phil., Biochemistry	Phytochemical analysis and Pharmacological potential of <i>Achyranthes aspera</i> Linn. M.Phil., Thesis Submitted to Bharathidasan University, Tiruchirapalli – 24.	2016

ANNEXURE - IV

5. UG Group Project Dissertations completed under my Guidance (Total = 03)

S.No.	Name of the student	Title	Year
1.	Anushya, D., Ashmitha, V., Ramya, P., Sharumathy, B., Vidhya, R.	Phytochemical Screening and Evaluation of Antioxidant activity of <i>Ctenolepis Garcinii</i> B.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2023
2.	Buvaneshwari, S. Fasila, M. Kousika, K. Parkavi, V. Subalakshmi, R.	Preliminary Phytochemical Screening and Evaluation of Antiinflammatory activity of <i>Ctenolepis garcinii</i> leaf extract B.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2024
3.	Mahalakshmi, D. Nithyasri, N. Rajoliya, C. Suriya, S. Swathi, P. Vijitha, S.	Renal protective effects of <i>Ctenolepis garcinii</i> against acetaminophen induced toxicity B.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2025

PG Dissertations completed under my Guidance (Total = 20)

S.No.	Name of the student	Title	Year
1.	J. Karthiga	HPLC analysis and Evaluation of <i>in vitro</i> Antioxidant activity of <i>Pedaliu murex</i> L. M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2019
2.	K. Priyadharshini	GC-MS analysis and Evaluation of <i>in vitro</i> Anti-inflammatory potential of <i>Cucumis sativus</i> L.	2019

		M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	
3.	M. Nilamozhi	Evaluation of Phytochemical and <i>in vitro</i> Anticancer activity of <i>Madhuca longifolia</i> Leaves in cell line as HepG2. M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2020
4.	P. Menaga	Phytochemical Screening, Proximate and Mineral Composition of <i>Ipomea batatas</i> (L.) and <i>Zea mays</i> (L.). M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2020
5.	A. Gowsalya	<i>In vitro</i> Antimicrobial Potential of leaves extracts and Phytoconstituents from <i>Centella asiatica</i> and <i>Moringa oleifera</i> against selected bacterial and fungal strains. M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2020
6.	A.Thangavigneswari	Nutritional analysis and <i>in vitro</i> Antioxidant activity of <i>Malus domestica</i> (L.). M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2021
7.	M. Niranjana Devi	Proximate Composition, Mineral Content and Antidiabetic potential of <i>Punica granatum</i> L. M.Sc., Dissertation, Submitted to Bharathidasan University, Tiruchirapalli – 24.	2021
8.	M. Lavanya	Evaluation of Phytochemical screening and <i>in vitro</i> Anticancer activity of <i>Foeniculum vulgare</i> seed in cell line as PC-3. M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2022
9.	K. Ilavarasi	<i>In vitro</i> Antioxidant Potential of <i>Foeniculum vulgare</i> M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2022
10.	I.Subashini	Evaluation of Antiinflammatory and Antidiabetic potential of <i>Foeniculum vulgare</i> M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2022
11.	K.Praveena,	Molecular docking studies on <i>Ctenolepsis garcinii</i> as a target for Diabetes Mellitus M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2023
12.	T.Adhithiya,	Isolation, Characterization and Identification of Probiotic bacteria from <i>Ctenolepsis garcinii</i> M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2023
13.	R.Madhumitha,	Synthesis of silver nanoparticles using <i>Ctenolepsis garcinii</i> plant extract and their Antiproliferative activity against Human Breast cancer cells	2023

		M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	
14.	R.Veeraselvi,	Phytochemical Screening and Evaluation of Antihelmintic Activity of <i>Ficus Benghalensis</i> Root Extract M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2023
15.	U. Priyadharshini	Determination of bioactive compound from <i>Ctenolepis garcinii</i> using chromatography techniques and its evaluation of <i>in vitro</i> Antimicrobial activity M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2024
16.	R. Bavadharani	Evaluation of anti-diabetic potential of <i>Ctenolepis garcinii</i> in alloxan induced rats M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2024
17.	M.Kaviya	Phytochemical screening and evaluate the <i>in vitro</i> Anti-proliferative activity of <i>Solanum lycopersicum</i> fruit (Tomato) extract M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2024
18.	T. Gayathri	Evaluation of anti-diabetic potential of <i>Ctenolepis garcinii</i> in streptozotocin induced wistar rats M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2025
19.	N. Pradeepa	Preclinical evaluation of antidiabetic potential of <i>Ctenolepis garcinii</i> in streptozotocin-induced diabetic rats M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2025
20.	R.Vidhya	Mechanisms of antidiabetic activity of the hydroalcoholic extracts of <i>Ctenolepis garcinii</i> in streptozotocin-induced male wistar albino rats M.Sc., Dissertation, Submitted to S.T.E.T. Women's College (Autonomous), Sundarakkottai, Mannargudi – 614 016.	2025

ANNEXURE - V

6. Orientation / Refresher courses attended: 07

S.No.	Name of the Course	Name of the Academic Staff College	Name of the university	Duration	Sponsoring agency if any
1.	NPTEL Online Certification Course - Introduction to Research	Indian Institute of Technology, Madras.	Madras University	February - April (8 weeks course)	Ministry of HRD, Government of India

2.	Online Course on Biomedical Nanotechnology	Indian Academic Researchers Association	-	07.05.2020 - 09.05.2020	Indian Academic Researchers Association
3.	Online Course on Writing Case Studies, Project Preparation and Funding of Research Projects	Indian Academic Researchers Association	-	21.05.2020 - 23.05.2020	Indian Academic Researchers Association
4.	Online Course on Preventive measures on Infectious Diseases in Pandemic Time	Indian Academic Researchers Association	-	May 2020	Indian Academic Researchers Association
5.	UGC-Sponsored Refresher Course in Biochemistry & Biotechnology	Bharathidasan University, Tiruchirapalli. (Online mode)	Bharathidasan University	07.10.2022 To 20.10.2022	UGC-HRDC, Bharathidasan University
6.	UGC-Sponsored Online Short Term Course in Outcome Based Education and Credit Framework	Bharathidasan University, Tiruchirapalli. (Online mode)	Bharathidasan University	20.09.2023 to 26.09.2023	UGC-HRDC, Bharathidasan University
7.	NPTEL Online Certification Course – Biochemistry (Silver Medal)	Indian Institute of Technology, Madras.	Madras University	February - April (12 weeks course)	Ministry of HRD, Government of India

ANNEXURE – VI

Research projects submitted– 18

S.No	Title of Research Project	Funding Agency	Period	PI/Co-PI/ Joint PI	Amount
1.	Determination of phytochemical properties of the seeds of <i>Cucumis sativus</i> L. and evaluation for Antiuro lithiatic activity (K. Priyadharshini)	TNSCST, Chennai	2018-2019	Guide	Rs. 8000
2.	Comparative study of biochemical and hematological Parameters during different phases of menstrual cycle in young healthy women aged 18-23 years (J. Karthiga)	TNSCST, Chennai	2018-2019	Guide	Rs. 6500
3.	Toxicity studies of <i>Eurycoma Longifolia</i> - A Potential Phytomedicine for the treatment of cancer (M. Nilamozhi)	TNSCST, Chennai	2019-2020	Guide	Rs. 8000
4.	Effects of processing methods on the physico-chemical and functional properties of <i>Ipomoea</i>	TNSCST, Chennai	2019-2020	Guide	Rs. 7500

	<i>batatas</i> and <i>Zea mays</i> (P. Menaka)				
5.	Studies on Phytochemical constituents, proximate composition and mineral analysis of <i>Moringa oleifera</i> and <i>Centella asiatica</i> (A.Gowsalya)	TNSCST, Chennai	2019-2020	Guide	Rs. 6500
6.	Comparative studies on the nutritional evaluation and proximate analysis of green apple and red apple (A.Thangavigneshwari)	TNSCST, Chennai	2020-2021	Guide	Rs. 8000
7.	Nutritional attributes and proximate analysis of punic granatum(L) (M.Niranjana Devi)	TNSCST, Chennai	2020-2021	Guide	Rs. 7500
8.	Role of in vitro antioxidant potential of <i>Prunus dulcis</i> (Almond) (K, Ilavarasi)	TNSCST, Chennai	2021-2022	Guide	Rs. 10,000
9.	Clinical characteristics and short term outcomes after recovery from Covid – 19 in patients with and without diabetes in Tiruvarur district (I.Subashini)	TNSCST, Chennai	2021-2022	Guide	Rs. 10,000
10.	Evaluation of in vitro anticancer effect of Brassica oleracea Var. Italica on breast cancer cell lines (M.Lavanya)	TNSCST, Chennai	2021-2022	Guide	Rs. 10,000
11.	Molecular docking studies on <i>Ctenolepis garcinii</i> as a target for Diabetes Mellitus (K.Praveena)	TNSCST, Chennai	2022-2023	Guide	Rs. 10,000
12.	Isolation, Characterization and Identification of Probiotic bacteria from <i>Ctenolepis garcinii</i> (T.Adhithiya)	TNSCST, Chennai	2022-2023	Guide	Rs. 10,000
13.	Synthesis of silver nanoparticles using <i>Ctenolepis garcinii</i> plant extract and their Antiproliferative activity against Human Breast cancer cells (R.Madhumitha)	TNSCST, Chennai	2022-2023	Guide	Rs. 10,000
14.	Ethnopharmacological contemplate of a medicinal flora utilised by traditional healers in the medication of the clap; Sexually Transmitted Infections (U.Priyadharshini)	TNSCST, Chennai	2023-2024	Guide	Rs. 10,000
15.	Functional quality and Beta-carotene 9',10' oxygenase Modulates the Carcinogenic activity of selected <i>Solanum lycopersicon</i> L.cultivars grown in Southern India	TNSCST, Chennai	2023-2024	Guide	Rs. 10,000

	(M.Kaviya)				
16.	<i>in vitro</i> Carcinogenic activity from Kollankovai (<i>Ctenolepis garcinii</i>) using breast cancer line – A Novel approach (N.Pradeepa)	TNSCST, Chennai	2024-2025	Guide	Rs. 10,000
17.	LC-MS and GC- MS analysis of biologically active compounds from Kollankovai (<i>Ctenolepis garcinii</i>) (R.Vidhya)	TNSCST, Chennai	2024-2025	Guide	Rs. 10,000
18.	<i>in silico</i> approach of antidiabetic Potential from (<i>Ctenolepis garcinii</i>) using docking analysis (T.Gayathri)	TNSCST, Chennai	2024-2025	Guide	Rs. 10,000

ANNEXURE - VII

7. Research Articles, Book Chapters and Proceeding Published

International			08	
S.No.	Title of articles / Research Papers / Book Publication	Journal (Issue, Period, ISSN, Page, etc)	Impact factor	Ntl.(N)/ Intl.(I)
Research Articles Published: 11				
1.	Bioinformatical tools on identification of deleterious Mutations in OCA2 Gene of Albinism	<i>International Journal of Current Microbiology and Applied Sciences</i> (3 2016, ISSN: 2319-7706, 50-58)		International
2.	Physicochemical and Microbial Analysis of Pond Water at Sundarakkottai, Mannargudi, Tiruvarur District, India	<i>Journal of Scientific Transactions in Environment and Technovation</i> ((9(4), 2016, ISSN: 2393 -9249, 182-187).		International
3.	Preliminary Phytochemical analysis of <i>Achyranthes aspera</i>	<i>World Journal of Pharmaceutical Research</i> (6(7), 2017, ISSN: 2277 – 7105, 895-904)		International
4.	Evaluation of <i>invitro</i> anticancer potential of <i>Achyranthes aspera</i> against EAC cell line	<i>Journal of Scientific Transactions in Environment and Technovation</i> (10(3), 2017, ISSN: 2393 - 9249, 122-125)		International
5.	Determination of Quercetin by High Performance Thin Layer Chromatography method in <i>Achyranthes aspera</i> (L).	<i>Asian Journal of Pharmaceutical and Clinical Research</i> (10(2), 2017, ISSN: 2455-3891, 52-56).		International
6.	Elucidation of <i>in vitro</i> anti-inflammatory activity of <i>Achyranthes aspera</i> (L.) by HRBC Membrane Stabilization Method.	<i>International Journal of Pharmaceutics & Drug Analysis</i> (6(3), 2018, ISSN: 2348 – 8948, 435-438)		International
7.	Studies on <i>in vitro</i> Anti-microbial activity by Disc Diffusion Method	<i>International Journal of Pharmaceutics & Drug</i>		International

	and FTIR analysis of <i>Achyranthes aspera</i> (L.)	<i>Analysis</i> (6(4), 2018, ISSN: 2348 – 8948 , 446-450)		
8.	Evaluation of <i>invitro</i> properties of ethanolic and aqueous extracts of <i>Achyranthes aspera</i> L.	<i>World Journal of Pharmaceutical Research</i> (7(7), 2018, ISSN: 2277 – 7105 , 1628 - 1639)		International
9.	Phytochemical Screening, Proximate and Mineral Composition of <i>Ipomea batatas</i> (L.) and <i>Zea mays</i> (L.).	<i>Journal of Scientific Transactions in Environment and Technovation</i> (10(3), 2017, ISSN: 2393 - 9249 , 122-125)		International
10.	<i>In vitro</i> Antimicrobial Potential of leaves extracts and Phytoconstituents from <i>Centella asiatica</i> and <i>Moringa oleifera</i> against selected bacterial and fungal strains.	<i>Journal of Scientific Transactions in Environment and Technovation</i> (10(3), 2017, ISSN: 2393 - 9249 , 122-125)		International
11.	Usage of nanoparticles in future Generation	<i>International Journal of Creative Research Thoughts</i> (10(7), 2022, ISSN: 2320-2882)		International

Book Chapter Published: 03

S.No.	Title of articles	Name of the book chapter
1.	Evaluation of Phytochemical and <i>in vitro</i> Anticancer activity of <i>Madhuca longifolia</i> Leaves in cell line as HepG2.	Compenndium of Chapters in modern borden Biology, December, 2021.
2.	Evaluation of Phytochemical Screening and <i>in vitro</i> Anticancer activity of <i>Foeniculum vulgare</i> Seed In cell line asPC-3.	April, 2023.
3.	Nanotechnology in seed science, improving germination and crop productivity	March, 2025

Proceeding Published: 08

S.No.	Title of articles	Name of the Conference	ISBN Number	Ntl.(N)/ Intl.(I)
1.	GC-MS analysis and Evaluation of in vitro Anti-inflammatory potential of <i>Cucumis sativus</i> L.	International Conference on Novel Approaches in Cancer Research and Therapy	ISBN: 978-9- 384008-78-9	International
2.	Evaluation of invitro antioxidant activity of <i>Pedaliium murex</i> L.	Two Day International Conference on “Inspiring Microbiome for The future Generation(IMFG-2024)”	-	International
3.	Evaluation of phytochemical screening and in vitro anticancer activity of <i>Foeniculum vulgare</i> seed in cell line as PC-3.	International Conference on Phytotherapeutics	ISBN: 978-9-384008-82-6	International
4.	Phytochemical screening and evaluation of Antihelmintic activity of <i>Ficus benghalensis</i> root extract	DBT – CTEP sponsored International Conference on Structural Biology and Drug Discovery	ISBN: 978 - 9-384 008-10-9	International

5.	Preliminary phytochemical screening and evaluation of antiinflammatory activity of <i>Ctenolepis garcinii</i> leaf extract	International Conference on Phytopharmaceuticals – An Emerging Platform to Sustainable Health Care (ICPEPSH-2024)	ISBN: 978 - 93-84008-06-2	International
6.	Phytochemical analysis and assessment of Antioxidant potential of <i>Ctenolepis garcinii</i>	International Virtual Conference on Exploring the frontiers of Life Sciences: Interdisciplinary Perspectives – EFLS'2024	ISBN: 978-9394638-47-1	International
7.	Synthesis of silver nanoparticles using <i>Ctenolepis garcinii</i> plant extract and their antiproliferative activity against human breast cancer mda-mb-231 cell lines	International Conference on “New Directions in Environmental Ecology and Historical Climate Changes for a Sustainable Future”	ISBN: 978-81-983933-5-7	International
8.	Evaluation of phytochemical screening and <i>in vitro</i> anti-inflammatory activity of seed in cell line as PC-3.	International Conference on “Recent Advancements in Therapeutics”	ISBN: 978-93-93253-22-4 E-ISBN: 978-93-93253-23-1	International

ANNEXURE - VIII

8.Number and details of Conference/seminars/Workshops participated /Presented papers

Participated with Paper Presentation: 34

S.No.	Name of the Conference/ Seminar/ Workshop	Date and place of Conference, etc	Title of paper presented
1.	UGC Sponsored National Seminar on “Clinical Research (NSCR – 15)”	21.01.2015, St. Joseph’s College, Tiruchirapalli.	A Clinical survey on Female obese persons in Mettuthuru, Thiruthuraipoondi & Tk, Thiruvarur Dt.
2.	National Conference on “Contemporary Advances in Biotechnology and Bioinformatics (NCCABB’15)”	21.12.2015 & 22.12.2015, Bon Secours Collegee for Women, Thanjavur.	Bioinformatical tools on Identification of deleterious mutations in OCA2 gene of Albinism. (Best Oral Presentation Award)
3.	International Conference on “Clinical Research (ICCR – 2016)”	25.01.2016, Srimati Indira Gandhi College, Tiruchirapalli.	Studies on <i>in vitro</i> antioxidant activities of a Polyherbal formulation.
4.	International Seminar on “New Frontiers and Challenges in Environmental Sciences”	11.02.2016 & 12.02.2016, Maruthupandiyar College, Thanjavur.	Efficacy of protocatechuic acid on the activities of Membrane bound enzymes on Cadmium chloride toxicity in Albino rats.
5.	International Seminar on “Recent Research Trends in Biosciences”	21.07.2016, Idhaya College for Women, Sarugani.	Evaluation of <i>in vitro</i> Antioxidant properties of ethanolic and aqueous extracts of <i>Achyranthes aspera</i> L.

6.	International Conference on “Indian Traditional Medicine – A conglomeration of Ancient Knowledge and Modern Science”	22.07.2016, CARISM, Sastra University, Thanjavur.	Determination of Quercetin by HPTLC method in <i>Achyranthes aspera</i> (L) plant extract
7.	International Conference on “New Vistas in Life Sciences”	11.09.2018, Holy Cross College (Auto), Tiruchirapalli.	Evaluation of Antiinflammatory activity of <i>Achyranthes aspera</i> L. by HRBC Membrane Stabilization method.
8.	International Conference on “Cancer Inferno and its Prevention Strategies (ICCIPS – 2019)”	22.02.2019, Periyar EVR College (Auto), Tiruchirapalli.	Anticancer activity of <i>Albizia seman</i> flowers extract against Neuroblastoma (IMR-32) and Human Colon (HT-29) cancer cell line
9.	International Seminar on “Microbial Interventions for the Welfare of Human Beings (MIWHB - 2019)”	09.08.2019, S.T.E.T Women’s College (Autonomous), Mannargudi	Preliminary phytochemical screening and antimicrobial activity of herbal plant extract – <i>Achyranthes aspera</i>
10.	International Conference on “Emerging Trends & Innovations in Chemistry (ETIC - 2019)”	20.08.2019, S.T.E.T Women’s College (Autonomous), Mannargudi	Phytochemical and Pharmacological uses of medicinal plant <i>Achyranthes aspera</i>
11.	International Conference on “Novel Approaches in Cancer Research and Therapy”	26.09.2019, S.T.E.T Women’s College (Autonomous), Mannargudi	Evaluation of proximate analysis in <i>Cucumis sativus</i> L.
12.	National Conference on “Next Generation Nutrition”	27.09.2019, S.T.E.T Women’s College (Autonomous), Mannargudi	Maize: A Potential Source of Human Nutrition and Health – A Review
13.	International Conference on “Natural Therapeutics – (ICNT - 2020)”	06.02.2020 Dharmapuram Gnanambikai Government Arts College (W), Mayiladuthurai.	Endometrial Cancer – A Review
14.	National Level Seminar on “Novel Approaches and Future aspects for Cancer Therapy”	07.02.2020 Maruthupandiyar College, Thanjavur.	The pathology of ocular cancer
15.	One day national seminar on “Entrepreneurial Spectrum of microbial Technology – Agriculture, Industry and Medicine”	05.03.2021 M. R. Government Arts College, Mannargudi.	Review on the role of microorganism in pharmaceutical industry
16.	International Seminar on Recent Advances in Translational Medicine	26.11.2021 Maruthupandiyar College, Thanjavur.	Proximate composition, mineral content and Antidiabetic potential of <i>Punica granatum</i> L.
17.	International Conferences on Recent Advancements in	Department of Biochemistry, Shrimathi	Evaluation of in vitro antioxidant potential of <i>Foeniculum vulgare</i>

	Therapeutics ICRA-2022	Indira Gandhi College, Tiruchirappalli on 17.08.2022.	
18.	International Conference on Phytotherapeutics (ICPT-2023)	PG and Research Department of Biochemistry, S.T.E.T Women's College (Autonomous), Mannargudi on 10.02.2023.	Evaluation of phytochemical screening and in vitro Anticancer activity of <i>Foeniculum vulgare</i> seed in cell line AS PC-3.
19.	International Conference on Converging Research Approaches in Life Sciences for Future Advancement (CRALSFA-2023)	PG and Research Department of Microbiology, S.T.E.T Women's College (Autonomous), Mannargudi on 15.02.2023	Evaluation of invitro antioxidant activity of <i>Pedaliium murex</i> L.
20.	National Conference on Recent advances in Chemistry (NCRAC-2023)	Department of Chemistry, S.T.E.T Women's College (Autonomous), Mannargudi on 07.03.2023.	Proximate composition, mineral content and Antidiabetic potential of <i>Punica granatum</i> L.
21.	National Conference on Recent Advances in Value Addition and Food Processing (NCFP-2023).	Department of Nutrition and Dietetics, S.T.E.T Women's College (Autonomous), Mannargudi on 23.03.2023	Proximate composition, mineral content and Antidiabetic potential of <i>Pedaliium murex</i> L.
22.	Two Day International Conference on "Unveiling the Frontiers in Life Sciences (ICFLS 2023) "	Department of Biochemistry and PG and Research Department of Microbiology, Shrimathi Indira Gandhi College, Tiruchirappalli on 17.08.2023 & 18.08.2023	Synthesis of Silver Nanoparticles using <i>Ctenolepsis garcinii</i> plant extract and their antiproliferative Activity against Human Breast Cancer MDA-MB-231 Cell lines
23.	44 th Annual conference of Indian Association of Biomedical Scientists (IABMS) & "National Conferences on Post Covid 19 Pandemic and Translational Research (NCPCE-CTR)	Department of Microbiology, M.R. Government Arts College, Mannargudi 08.01.2024 – 10.01.2024	Proximate composition, mineral content and Antidiabetic potential of <i>Punica granatum</i> L.
24.	Two Day International Conference on 'Molecular Basis of Cancer and prevention'	Department of Life sciences, School of Arts and Science, PRIST University, Thanjavur 07.02.2024 and 08.02.2024.	Synthesis of silver nanoparticles using <i>Ctenolepsis garcinii</i> Plant extract and their anticancer activity

25.	Two Day International Conference on Bioinformatics and Drug Discovery Society (BIDDS) organized an DBT-CTEP sponsored “International Conferences on Structural Biology and Drug Discovery (ICSBDD-2024)”	PG & Research Dept of Biochemistry in association with IQAC, S.T.E.T Women’s College(Autonomous), Mannargudi on 16.02.2024-17.02.2024	Phytochemical screening and evaluation of Antihelmintic activity of <i>Ficus benghalensis</i> root extract
26.	Two Day International Conference on “Inspiring Microbiome for The future Generation(IMFG-2024)”	PG & Research Dept. of Microbiology in association with Microbiologists Society, India and IQAC, S.T.E.T Women’s College(Autonomous), Mannargudi on 26.02.2024 - 27.02.2024.	Evaluation of invitro antioxidant activity of <i>Pedalium murex</i> L.
27.	Two Day International Conference on “Recent Research Trends in Physical & Biochemical Sciences (R RTPBS) – 2024”	Department of Biochemistry, Chemistry and Physics, Idhaya College for Women, Sarugani on 19.09.2024 and 20.09.2024	Synthesis of silver nanoparticles using <i>Ctenolepis garcinii</i> Plant extract and their antiproliferative activity against Human breast cancer MDA-MB-231 cell lines
28.	Two Day International Conference on “International Conferences on Phytopharmaceuticals - An Emerging Platform to Sustainable Health Care(ICPEPSH-2024)”	PG & Research Dept of Biochemistry in association with IQAC, S.T.E.T Women’s College(Autonomous), Mannargudi on 25.09.2024-26.09.2024.	Determination of bioactive compound from <i>Ctenolepis garcinii</i> Using chromatography techniques and it’s evaluation of <i>in vitro</i> antimicrobial activity
29.	International Virtual Conference on Exploring the frontiers of Life Sciences: Interdisciplinary Perspectives – EFLS’2024	Department of Botany, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.	Phytochemical analysis and assessment of Antioxidant potential of <i>Ctenolepis garcinii</i>
30.	International Conference on “New Directions in Environmental Ecology and Historical Climate Changes for a Sustainable Future”	Department of Biochemistry, Maruthupandiyar College, Thanjavur. 13.02.2025	Synthesis of silver nanoparticles using <i>Ctenolepis garcinii</i> plant extract and their antiproliferative activity against human breast cancer mda-mb-231 cell lines
31.	International Conference on “Recent Advancements in Therapeutics”	Department of Biochemistry, Shrimathi Indira Gandhi College, Tiruchirappalli 17.08.2024	Evaluation of phytochemical screening and <i>in vitro</i> anti-inflammatory activity of seed in cell line as PC-3.
32.	National Conference on “Microbial Insights: Current Trends, Challenges and Future Frontiers”	PG & Research Dept. of Microbiology in association with Microbiologists Society, India and IQAC,	Determination of bioactive compound from <i>Ctenolepis garcinii</i> using chromatography techniques and it’s evaluation of Phytochemical screening

		S.T.E.T Women's College(Autonomous), Mannargudi	
33.	National Seminar on "Innovations and Advances in Bio Sciences (NSIABS-2025)"	Department of Biochemistry, Botany & B.Voc Marine Food Processing and Preservation Technology	Molecular Docking analysis of candidate compounds derived from medicinal plants with Type II Diabetes Mellitus Target
34.	One Day International Conference on "Phytochemicals as Lead Compounds in New Drug Discovery (PLCNDD-2025)"	Department of Biochemistry, Rabiammal Ahamed Maideen College for Women, Tiruvarur. 24.01.2025	Preliminary phytochemical screening and evaluation of antiinflammatory activity of <i>Ctenolepis garcinii</i>

Participated only: 05

S.No.	Title of the conference	Date and place of conference, etc.
1.	State Level Seminar on "Recent Advances in Biochemistry"	22.01.2015, Rabiammal Ahamed Maideen College for Women, Tiruvarur.
2.	State Level Seminar on "Emerging Trends in Biosciences and Future Prospects"	26.02.2015, Maruthupandiyar College, Thanjavur.
3.	International Seminar on "Intellectual Property Rights – Emerging Issues and Challenges"	11.09.2019, S.T.E.T Women's College (Autonomous), Mannargudi
4.	State Level Seminar on "E – Waste Management"	11.12.2019, S.T.E.T Women's College (Autonomous), Mannargudi
5	National seminar on "Emerging trends in Research Methodology"	S.T.E.T Women's College (Autonomous), Mannargudi

Training and Capacity building workshops attended: 09

S.No.	Name of the Training programme	Place where held	Name of the Organizing body	Duration
1.	Laboratory Animal Handling (On Care, Breeding, Management & Ethics)	St. Joseph's College, Tiruchirapalli.	Department of Biochemistry	28.09.2015 & 29.09.2015 Two days
2.	Molecular Techniques	S.T.E.T Women's College (Autonomous), Mannargudi	Department of Microbiology	10.01.2015 One day
3.	Meenakshi Lab CME - 2016	Meenakshi Hospital, Tanjore.	Department of Biochemistry	07.05.2016 One day
4.	Research Methodology	S.T.E.T Women's College (Autonomous), Mannargudi	Department of Economics & Business Administration	04.01.2019 One day
5.	Promotion of API Score and CAS filing	Periyar EVR College (Auto),	Training and Placement Cell &	09.01.2019 One day

		Tiruchirapalli.	Internal Quality Assurance Cell	
6.	Biological and Medical Applications of Foldscope and Mycorrhizal Commercial Productions.	M.R. Government Arts College, Mannargudi.	Department of Microbiology	31.01.2019 One day
7.	One day Workshop on “Outcome Based Education”	S.T.E.T Women’s College (Autonomous), Mannargudi	Internal Quality Assurance Cell	04.06.2022 One day
8.	Designing of question Paper for Course Outcome Measurement and Question Bank Preparation using Revised Bloom’s Taxonomy	S.T.E.T Women’s College (Autonomous), Mannargudi	Internal Quality Assurance Cell and office of the Controller of Examinations	08.07.2023, 09.07.2023, 15.07.2023, 16.07.2023, 22.07.2023, 23.07.2023, 12.08.2023 Seven Days
9.	CSIR-HRDC sponsored National Conference cum Workshop on “Determination of three Dimensional Structures of small and macromolecules using Single Crystal X-Ray Diffraction”	S.T.E.T Women’s College (Autonomous), Mannargudi	Dept of Chemistry and Physics	11.12.2023 - 15.12.2023 Five Days

FDP attended: 06

S.No.	Name of the Workshop	Date & Venue	Name of the Organizing body
1.	Promotion of API Score and CAS filing	09.01.2019, Periyar EVR College (Auto), Tiruchirapalli.	Trainng and Placement Cell & Internal Quality Assurance Cell
2.	Intellectual Property Rights	05.07.2019, S.T.E.T Women’s College (Autonomous), Mannargudi.	Intellectual Property Rights Cell.
3.	Three dayss Faculty Development Programme On “Outcome Based Education”	07.06.2022 – 09.06.2022 S.T.E.T Women’s College (Autonomous), Mannargudi	Internal Quality Assurance Cell
4.	Faculty Development Training Programme on “Identification of Government and Non Government Funding agencies	04.03.2023 S.T.E.T Women’s College (Autonomous), Mannargudi	Internal Quality Assurance Cell
5.	Faculty Development Programme on “IPR- Concepts to Compliance”	07.10.2023 S.T.E.T Women’s College (Autonomous), Mannargudi	Intellectual Property Rights Cell (IPR)
6.	five day online International Faculty	15.10.2024 to 19.10.2024.	Department of Computer

	Development Programme on "Emerging Technologies and Future trends"	Loyola College, Chennai	Applications Forum for Information Technology(FIT)
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Hands on training programme attended: 03

S.No.	Name of the programme	Date & Venue	Name of the Organizing body
1.	Laboratory Animal Handling (On Care, Breeding, Management & Ethics)	28.09.2015 & 29.09.2015, St. Joseph's College, Tiruchirapalli.	Department of Biochemistry
2.	Internship training at Laboratory Department	28.09.2016 to 05.11.2016, Meenakshi Hospital, Thanjavur	Department of Biochemistry
3.	Training program on "Basic Manufacturing"	04.03.2025 Adayar Ananda Bhavan Sweets India Private Limited	Department of Nutrition & Dietetics
4.	Training program titled "Empowering Lecturers: Hands-on Training Program on Animal Cell Culture Techniques"	02.05.2025 & 03.05.2025 Central University of Tamil Nadu.	Department of Microbiology

ANNEXURE - IX

9. Professional Bodies/ Membership Details:

S.No.	Positions held	From	To	Nature of Work
1.	Indian Science Congress Association	2019	Till date	Life Member
2.	Indian Academic Researchers Association	2019	Till date	Life Member

ANNEXURE - X

10. Achievements

S. No.	Award Title	Year
1.	National Level Third Rank in D.O.A. course conducted by TCPS Infotech India (P) Ltd, Salem.	2008
2.	University Gold Medal in B.Sc., Biochemistry in Bharathidasan University, Tiruchirappalli.	2014
3.	Best Presentation Award in Oral Presentation at Bon Secours College, Thanjavur	2015

4.	University Gold Medal in M.Sc., Biochemistry in Bharathidasan University, Tiruchirappalli.	2016
5.	Best Outgone Student in overall PG in S.T.E.T Women's College(Autonomous), Mannargudi.	2016
6.	Selected as a "Biography of the Year 2019" in Rifacimento International, New Delhi.	2019

ANNEXURE - XI

11. Other positions Held in STET College:

S.No.	Positions held	From	To	Nature of Work
1.	Book Bank Scheme	2018	Till date	Incharge
2.	Tutorial Ward	2018	Till date	Mentor Mentee
3.	Newsletter Incharge	2018	2022	Incharge
4.	NAAC- Criterion-VI & VII	2019	2022	Incharge
5.	NAAC- Criterion II	2022	Till date	Incharge
6.	Intercollegiate Meet	2019	-	Committe member
7.	International Conference	2019	-	Committe member
8.	Curriculum Development Cell (CDC)	2020	Till date	Member
9.	Red Ribbon Club (RRC)	2021	Till date	Programme officer
10.	Antidrug Club (ADC)	2022	Till date	Programme officer
11.	National Institutional Ranking Framework (NIRF)	2023	Till date	Member
12.	STET Alumni Association	2022	Till date	Secretary
13.	Class In charge	2021	Till date	<ul style="list-style-type: none"> ✓ Register and Record ✓ maintenance ✓ Arranging Parent meeting ✓ Maintaining overall profile ✓ of the students ✓ Performance analysis and ✓ Students Counselling.
14.	Bus In charge	2018	Till date	Incharge
15.	Member in BoS Committee	2020	Till date	Member at S.T.E.T Women's College (Autonomous), Sundarakkottai, Mannargudi
16.	TNPSC/Group-IV, VAO,	2021	Till date	Acted as a Additional Chief Invigilator
17.	Court Exam Attender Copyist position in the Madras High Court is the MHC-RECRUITMENT	2024	Till date	Acted as a Additional Chief Invigilator
18.	Question paper setter	2024	Till date	Alagappa University, Karaikudi
19.	UG & PG Practical External Examiner	2024	Till date	1. EGS, Pillai College (Autonomous), Nagappattinam. 2. Rajah Serafoji Government College (Autonomous), Thanjavur.
20.	UG. Valuation Examiner	2024	Till date	Bharathidasan University, Trichy.

Personal Profile

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