

2.Faculty profile:



Name: Dr. Mrs. S. Uma Gowrie

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

Designation : Associate professor and Dean of Research (Aided)

Years of Experience: UG: 21.5 PG: 8.5

Previous Experience: UG: 5 PG: 5

Area of Specialization: Phytochemistry and Applied Microbiology

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PROJECTS

S.no.	Title	Duration	Funding agency	Amount sanctioned (in lakhs)
1	Bioprospecting of Meliaceous Limonoids- A Strategy for Conservation of Germplasm	1 year	ECRIC, Ethiraj College for Women (Autonomous)	Rs. 15,000/-
2	Association with a project on ' Genetic Improvement of Neem Programme '.	2018-2019 to till date	In association with Dr. Ashok Kumar, Scientist 'F' & Head, Division of Genetics and Tree Propagation, Forest Research Institute, Dehradun, Uttarakhand, India	Reimbursement of the actual expenses
3	Association with a project on ' Genetic Improvement of Melia dubia '.	2 years	In association with Dr. Ashok Kumar, Scientist 'F' & Head, Division of Genetics and Tree Propagation, Forest Research Institute, Dehradun, Uttarakhand, India	Reimbursement of the actual expenses

RESEARCH GUIDANCE

Ph.D. Awarded	4, SUBMITTED THESIS (1), SUBMITTED SYNOPSIS (1)
Ph.D. Guiding	6
M.Phil. Awarded	10
M.Phil. Guiding	NIL

WORKSHOPS

S.no.	Organized by	State/National/	Topic	Date(s)
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		International		
1	Department of Microbiology, Sri Muthukumaran Medical College Hospital and Research Institute, Chikkarayapuram, Chennai	State (Regional)	Workshop on PCR	26 th and 27 th August 2016.
2	Environmental Monitoring Research Laboratory, PG & Research Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous), Chennai.	State (Regional)	Heavy metal analysis using Atomic Absorption Spectrophotometer	22 nd to 24 th September, 2016
3.	Ethiraj College for Women (Organising Committee member)	National	Phytochemical techniques	27 th November 2017.
4	Ethiraj College for Women	National	Role and Responsibilities of Teachers In Institution Development	18 th December 2017.
5	Internal Quality Assurance Cell, Ethiraj College for Women	National	One Day workshop for Faculty on IQAC	02 nd March 2018.
6	Ethiraj College for Women (Organising Committee member)	National	Carving skills – Vegetable carving	23 rd and 24 th July 2018.
7	Brunel Business School, Brunel University, UK held.	International	Interdisciplinary Symposium on Innovative and Research Intensive Teaching in Higher Education- A Global Perspective	4 th August 2018
8	Internal Quality Assurance Cell, Ethiraj College for Women	State	NAAC Regulations: A Holistic Approach	12 th October 2019

9	Kasetsart University, Krabi, Thailand	International	Sixth International <i>Casuarina</i> Workshop – Presented paper on 'Phytoremediation of heavy metal contaminated Coom soil using <i>Casuarina</i> sp- A versatile tree crop for sustainable utilization in waste land management'	21 st to 25 th October, 2019
10	Internal Quality Assurance Cell, Ethiraj College for Women	National	Learning Management System and Open Educational Resources: A Student Centric Approach	25 th January 2020.
11	Ethiraj College for Women	State	Principles and Applications of Spectroscopy- A Problem Solving Approach	27 th January 2020.
12.	Jointly Organised by Ethiraj College for Women and TNSCST and Supported by Department of Science and Technology, Government of India	National	Intellectual Property Rights	1 st February 2020
13.	Rest Society for Research International, Tamil Nadu, India	National	'Online Research Methodology Workshop'	28 th April to 30 th April, 2020
14	Ministry of Human Resource Development (MHRD), Government of India and Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi	National	'Comprehensive e-Learning guide for Administrative Work'	25 th May- 5 th June, 2020
15	Jointly organized by the Department of	National	'HPTLC: An Indispensable	4 th June, 2020.

Botany and Research Development Cell, Smt. Chandibai Himathmal Mansukhani College, Ulhasnagar, Mumbai in association with ANCHROM Enterprises Pvt. Ltd.,		Analytical Research Tool'	
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CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/ International	Participate d/Presented	Title	Date(s)
1	Pachaiyappa's College	International symposium on medicinal plants and herbal drugs in human and livestock wealth –a global prospective	Presented	An in vivo angiogenic activity of bioactive compound- Tannic acid- A macro polyphenol, isolated and characterized from the bark extract of <i>Casuarina</i> sp. (Casuarinaceae)	January 2016
2	Pachaiyappa's College	International symposium on medicinal plants and herbal drugs in human and livestock wealth –a global prospective	Presented	A strategy to enhance the growth of medicinal plants using plant growth promoting fungi (PGPF) isolated from the root of <i>Casuarina</i> sp	January 2016
3	Ethiraj College for Women	International Conference on Recent advances in life science	Presented	Assessment of bioactive metabolites from the root endophyte isolated from <i>Casuarina</i>	February 2016
4	Ethiraj College for Women (Organising committee Member)	XV AZRA International Conference on Recent advances in life science	Presented	*Green synthesis, characterization of silver nano particles using <i>Casuarina</i> sp. aqueous bark extract and its bio efficacy.	February 2016

5	Ethiraj College for Women	XV AZRA International Conference on Recent advances in life science	Presented	Comparative study of phytase enzyme from plants and microbes using bioinformatics tools	February 2016
6	Ethiraj College for Women	XV AZRA International Conference on Recent advances in life science	Presented	Evaluation of plant growth promoting traits of bacteria isolated from plants found in lignite mine soil of Neyveli, Tamil Nadu	February 2016
7	IQAC	National symposium	Attended	National symposium on From potential for excellence to excellence in higher educational institutions.	18 th and 19 th July, 2016
8	Department of Biotechnology, Vels University	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	Synergistic effect of phytoconstituents in mixed sprouts- An Approach towards Therapeutic applications	29 th and 30 th September 2016
9	Department of Biotechnology, Vels University	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	Efficacy of Bioactive Compound - Tannic Acid – A Macro Polyphenol, Isolated Purified And Characterized From The Bark Extract Of <i>Casuarina Sp</i> (Casuarinaceae)	29 th and 30 th September 2016
10	Department of Biotechnology, Vels University	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	*Bioactive Metabolites of <i>Casuarina junghuhniana</i> roots – A therapeutic approach	29 th and 30 th September 2016

11	Department of Biotechnology, Vels University	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	*Mycosynthesis, Optimisation And Characterization Of Silver Nanoparticles By Endophytic Fungus Isolated From The Root Of <i>Casuarina junghuhniana</i>	29 th and 30 th September 2016
12	Department of Biotechnology, Vels University	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	Phytochemical analysis and PGPR traits of bacterial isolates from revegetative lignite mine spoil dumps of Neyveli, Tamil Nadu	29 th and 30 th September 2016
13	National Centre for Nano Science and Nanotechnology University of Madras	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	Green synthesis, optimization, characterization and bio-efficacy of silver nanoparticles synthesized from aqueous root nodules of <i>Casuarina equisetifolia</i>	7 th and 8 th February 2017
14	National Centre for Nano Science and Nanotechnology, University of Madras	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	Green synthesis, optimisation and characterization of silver nanoparticles by endophytic fungus isolated from the root of <i>Casuarina junghuhniana</i> Miq	7 th and 8 th February 2017
15	National Centre for Nano Science and Nanotechnology, University of Madras	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare	Presented	Green synthesis, optimization and characterization of silver nano particles using <i>Casuarina junghuhniana</i> Miq. aqueous root extract and its bio efficacy	7 th and 8 th February 2017

16	Department of Biotechnology, Hindustan College of arts and science	National Conference on Biotechnological advances towards sustainable agriculture and environment”	Presented	*Phytoremediation of heavy metal contaminated soil using <i>Casuarina</i> sp.-an approach	24th August, 2017
17	Department of Biotechnology, Hindustan College of arts and science	National Conference on Biotechnological advances towards sustainable agriculture and environment”	Presented	Natural Plant derived food products for sustainable development towards consumer needs-A bio prospective approach	24th August, 2017
18	organized by School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai-600 048	International Conference on Novel Antibiotic Resistance Breakers and Diagnostic Biomarkers	Presented	*Sprouts as Functional food- An approach towards the identification of natural antibiotic resistance breakers	22nd and 23rd December 2017
19	PG & Research Department of Zoology and Department of Biochemistry, Ethiraj College for Women, Chennai	International Conference on “Biodiversity-Strategies for Conservation and Sustainable Utilization	Presented	Endophytic bacteria isolated from medicinal plant- a promising source of potential bioactive metabolites	1st and 2nd February 2018.
20	PG & Research Department of Zoology and Department of Biochemistry, Ethiraj College for Women, Chennai	International Conference on “Biodiversity-Strategies for Conservation and Sustainable Utilization	Presented	*Plant-derived food products as dietary supplements for sustainable utilization - An <i>In-vitro</i> and <i>In-silico</i> approach	1st and 2nd February 2018.
21.	Quaid-E-Millath Government College for Women, Chennai	International Conference on Impact of Nanotechnology	Presented	Green synthesis, optimization, characterization of silver	26th and 27th

		on Health and Environment		nanoparticles using <i>Casuarina equisetifolia</i> root extract and its impact on environment	February 2018.
22.	Conference on Recent Scenario in Plant science research- Climate change and its associated variations.	International	Presented	<i>Casuarina</i> sp. - A promising multipurpose tree crop for sustainable utilization”	2018
23.	Department of Botany, Bharathiar University, Coimbatore- 641 046, Tamil Nadu, India, in collaboration with Defence Research & Development Organisation- Defence Research Laboratory, Tezpur, Assam	International Conference on “Phytomedicine	Presented	Coconut sprouts as Phytomedicine- An Approach towards the identification of nutraceuticals	29 th to 31 st August, 2018
24.	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008, Tamil Nadu, India	National Conference and Exhibition Herbal Biodiversity and Health Management- New Strategies and Approaches (Organising Committee member)	Presented	<i>Melia dubia</i> - A way from Traditional medicine to Agroforestry	7 th and 8 th February, 2019
25.	Department of Plant Biology and Plant Biotechnology, Ethiraj College	National Conference and Exhibition Herbal Biodiversity and	Presented	*Endophytes from medicinal plant and alternative source of bioactive compounds	7 th and 8 th February, 2019

	for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008, Tamil Nadu, India	Health Management- New Strategies and Approaches			
26.	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008, Tamil Nadu, India	National Conference and Exhibition Herbal Biodiversity and Health Management- New Strategies and Approaches	Presented	Promotion of economically important medicinal plant <i>Andrographis paniculata</i> using intercropping system	7 th and 8 th February, 2019
27.	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008, Tamil Nadu, India	National Conference and Exhibition Herbal Biodiversity and Health Management- New Strategies and Approaches	Presented	*A characteristic study on phytochemical analysis of <i>Melia dubia</i> Cav. Var FRI/MD/241	7 th and 8 th February, 2019
28.	Department of Plant Biology and Biotechnology, Loyola College (Autonomous), Affiliated to the University of Madras, Chennai- 600 034, Tamil Nadu, India	National Conference on “Biochemistry and Therapeutics of Diabetes and Cancer Treatment & Challenges- BTDC 2019”	Presented	An <i>in vivo</i> antiangiogenic activity of bioactive compound -2-Amino-3-(2-methylene-cyclopropyl)-propionic acid, from bark extract of <i>Casuarina equisetifolia</i>	28 th February and 1 st March, 2019

	February and 1 st March, 2019				
29.	Department of Plant Biology and Biotechnology, Loyola College (Autonomous), Affiliated to the University of Madras, Chennai- 600 034, Tamil Nadu, India 28 th February and 1 st March, 2019	National Conference on “Biochemistry and Therapeutics of Diabetes and Cancer Treatment & Challenges- BTDCTC 2019”	Presented	A comparative study on bio efficacy of coconut and its sprouts- A Therapeutic Approach	28 th February and 1 st March, 2019
30.	Department of Genetic Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai	International Plant Genetics and Genomics conference 2020	Presented	Conservation strategies of indigenous species of <i>Tamarindus indica</i> L.	January 23 rd and 24 th , 2020.
31.	Department of Genetic Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai	International Plant Genetics and Genomics conference 2020	Presented	Progeny variation in germination and seedling traits of <i>Azadirachta indica</i> A. Juss	January 23 rd and 24 th , 2020.
32.	Department of Pharmaceutical analysis, SRM Institute of Science and Technology, Kattankulathur, Chennai	National Conference on Standardization of herbal drugs using sophisticated analytical techniques	Presented (Poster)	*Medicinal plant-derived bioactive compounds as anti-uterine and cervical cancer agents- An overview	January 23 rd and 24 th , 2020
33.	Department of Tamil, Economics, Chemistry, Plant Biology and Plant Biotechnology and Physics, at Ethiraj College	International Multidisciplinary Conference on “Biosphere Conservation- Emerging Vistas in Sciences, Economics and	Presented	*Endophytes- A Promising alternative for conservation of medicinal plants	17 th and 18 th February, 2020.

	for Women (Autonomous), Affiliated to the University of Madras, Chennai-600 008 in association with New Century Book House Pvt. Ltd., Educational Publishers-Distributors-Importers & Exporters, Chennai- 600 050	Tamil Literature (BEST-2020)” (Organising Committee member)			
34.	Department of Tamil, Economics, Chemistry, Plant Biology and Plant Biotechnology and Physics, at Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai-600 008 in association with New Century Book House Pvt. Ltd., Educational Publishers-Distributors-Importers & Exporters, Chennai- 600 050	International Multidisciplinary Conference on “Biosphere Conservation- Emerging Vistas in Sciences, Economics and Tamil Literature (BEST-2020)”	Presented	<i>Melia</i> sp.- A Warehouse of ethnobotanical, pharmacological and commercial importance	17 th and 18 th February, 2020.
35.	Department of Tamil, Economics, Chemistry, Plant Biology and Plant Biotechnology	International Multidisciplinary Conference on “Biosphere Conservation- Emerging Vistas in Sciences,	Presented	Indigenous knowledge and pharmacological studies in Neem	17 th and 18 th February, 2020.

	and Physics, at Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai-600 008 in association with New Century Book House Pvt. Ltd., Educational Publishers-Distributors-Importers & Exporters, Chennai- 600 050	Economics and Tamil Literature (BEST-2020)”			
36.	Department of Tamil, Economics, Chemistry, Plant Biology and Plant Biotechnology and Physics, at Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai-600 008 in association with New Century Book House Pvt. Ltd., Educational Publishers-Distributors-Importers & Exporters, Chennai- 600 050	International Multidisciplinary Conference on “Biosphere Conservation-Emerging Vistas in Sciences, Economics and Tamil Literature (BEST-2020)”	Presented	Spices- A Wonder to women health care	17 th and 18 th February, 2020.
37.	Department of Chemistry, Bhavan’s Vivekananda College,	National E-poster competition	Presented (Poster)	*Impact of Covid 19 infection on Human Immune system and Physiology”	9 th July, 2020.

	Secunderabad, India				
38.	School of Bioscience and Technology, Vellore Institute of Technology along with Association of Biotechnology and Pharmacy	International Conference on Emerging Trends in Biotechnology (ICETB)	Presented	*Phytoremediation of heavy metal contaminated Coom soil using <i>Casuarina</i> sp.- A versatile tree crop for sustainable utilization in Wasteland Management	14 th to 16 th December, 2020
39.	School of Bioscience and Technology, Vellore Institute of Technology along with Association of Biotechnology and Pharmacy	International Conference on Emerging Trends in Biotechnology (ICETB)	Presented	*Efficacy of Phytol from Meliaceous plants against Corona virus- An <i>in silico</i> approach'	14 th to 16 th December, 2020
40.	School of Bioscience and Technology, Vellore Institute of Technology along with Association of Biotechnology and Pharmacy	International Conference on Emerging Trends in Biotechnology (ICETB)	Presented	<i>In silico</i> docking studies of phytocompounds from Tamarind pulp against colon cancer	14 th to 16 th December, 2020
41.	School of Bioscience and Technology, Vellore Institute of Technology along with Association of Biotechnology and Pharmacy	International Conference on Emerging Trends in Biotechnology (ICETB)	Presented	A comprehensive review on the significant role of medicinal plants with relevance to clinical studies against Polycystic Ovarian Syndrome	14 th to 16 th December, 2020
42.	IIFPT- Indian Institute of Food Processing Technology (Ministry of Food Processing Industries, Government of India), Thanjavur- 613	National Women's Food Science & Technology Conference	Presented (Poster)	Coconut sprouts as Future food- A Bioprospective approach towards therapeutics	8 th March, 2021.

	005, Tamil Nadu, India				
43.	IIFPT- Indian Institute of Food Processing Technology (Ministry of Food Processing Industries, Government of India), Thanjavur- 613 005, Tamil Nadu, India	National Women's Food Science & Technology Conference	Presented (Poster)	<i>Musa</i> florets as natural food- A boon to Women health	8 th March, 2021.
44.	Association of Cancer Education and Research (ACER), School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai in association with Purdue University, USA and sponsored by Tamil Nadu State Council for Science & Technology (TNSCST) and Microbiologist Society, India (MSI)	International^{2nd} Virtual Conference on Naturopathy, Nanotechnology, Nutraceuticals and Immunotherapy in Cancer Research- 2021 (ICN3IC-21)	Presented	* Exploring the promising antifungal activity of bioactive compounds from <i>Azadirachta indica</i> A. Juss against black fungus	on 11 th & 12 th June, 2021,
45.	Association of Cancer Education and Research (ACER), School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science &	International^{2nd} Virtual Conference on Naturopathy, Nanotechnology, Nutraceuticals and Immunotherapy in Cancer Research- 2021 (ICN3IC-21)	Presented	Bioactive compounds from <i>Musa</i> sps. Florets against human ovarian cancer cell line PA-1	on 11 th & 12 th June, 2021,

	Technology, Chennai in association with Purdue University, USA and sponsored by Tamil Nadu State Council for Science & Technology (TNSCST) and Microbiologist Society, India (MSI)				
46.	Organized by Department of Biotechnology, K.C.College, HSNC University, Mumbai	National Virtual Conference Covid-19 times: Opportunities in difficulties	Presented	Molecular docking of Lupeol and Squalene from medicinal plants against the target Spike protein of SARS-CoV-2	2 nd and 3 rd July 2021
47.	Department of Biotechnology, Vinayaka Mission's Research Foundation, Chennai.	International Conference on Recent Strategies in Biotechnology and Biosciences-ICRSBBS- 2021	Presented	Bioprospecting of Meliaceous Limonoids for Integrated Pest Management	27 th and 28 th July, 2021
48.	Department of Biotechnology, Vinayaka Mission's Research Foundation, Chennai.	International Conference on Recent Strategies in Biotechnology and Biosciences-ICRSBBS- 2021	Presented	Molecular docking of phytocompounds against Tamm-Horsfall protein- A promoter of kidney stones	27 th and 28 th July, 2021

**Best paper award*

SEMINARS

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Post Graduate and Research Department of Botany, Queen Mary's College (Autonomous), Affiliated to the University of	National Seminar on "Exploring the Scope of Plant Science (ESPS- 2020)"	Phytoremediation of heavy metals using commercial varieties of <i>Melia dubia</i> Cav.- A multipurpose tree crop for	9 th and 10 th January, 2020

	Madras, Chennai- 600 004		Sustainable Utilization in Waste land management	
2.	organized by Department of Botany, Government Arts College for Men (Autonomous), Affiliated to the University of Madras, Nandanam, Chennai- 600 035	National Seminar on “Conserving Plants for Generating Livelihoods (NSCPGL-2020)” sponsored by Tamil Nadu State Council for Higher Education (TANSICHE)	*Phytochemical characterization of commercial varieties of <i>Melia dubia</i> Cav.- A Bioprospective approach for sustainable utility and conservation	12 th and 13 th March, 2020

CERTIFICATE COURSES /VALUE ADDED COURSES

Year	Position
Since 2007	COORDINATOR VALUE ADDED COURSE – Diagnostic Lab techniques, Department of Plant Biology and Plant Biotechnology
2018-2019 – till date	COORDINATOR - VALUE ADDED COURSES- Ethiraj College for Women

JOURNAL PUBLICATIONS

S.NO	JOURNAL NAME	UGC /SCI/SCIE/W OS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/DOI
1	International Journal of Current Pharmaceutical Research		ISSN No. 0975-7066.	Chathurdevi, G., and Uma Gowrie, S. (2016). Endophytic fungi isolated from medicinal plant-a promising source of potential bioactive metabolites. <i>International Journal of Current Pharmaceutical Research</i> . 8 (1), 50-56.	2016

2	Indo American Journal of Pharmaceutical Research		ISSN: 2231-6876.	Saranya, V.T.K., and Uma Gowrie. S. (2016). Photocatalytic reduction of methylene blue dye using biogenic silver nanoparticles from the aqueous cladode extract of <i>Casuarina equisetifolia</i> . <i>Indo American Journal of Pharmaceutical Research</i> . 6(02), 4562-4568.	2016
3	International Journal of Information Research and Review		ISSN: 2349-9141.	Saranya, V.T.K., and Uma Gowrie. S. (2016). Study on phytochemical screening from cladode extracts of <i>Casuarina equisetifolia</i> L. using various polar solvents. <i>International Journal of Information Research and Review</i> . 03(3), 2087-2090.	10.22159/ijpps.2018v10i1.22188
4	European Journal of Pharmaceutical and Medical Research		ISSN No. 3294-3211.	Nishanthi, R., Uma Gowrie, S., and Chathurdevi, G. (2016). An evaluation of potential bioactive metabolites of endophytic fungi isolated from medicinal plant. <i>European Journal of Pharmaceutical and Medical Research</i> , 3(4), 450-458.	March, 2016
5	International Journal of Pharmaceutical Research and Allied Sciences	UGC approved. Impact factor: 5.320	ISSN No. 2277-3657.	Abiraami Valli, S., and Uma Gowrie, S. (2016). Comparative Study of Phytase enzyme from Plants and Microbes using	May, 2016

				Bioinformatic tools. <i>International Journal of Pharmaceutical Research and Allied Sciences</i> , 5(3), 1-7.	
6	International Journal of Pharmaceutical Sciences Review and Research	UGC LIST-APRIL 2017- No. 17371 SCImago impact factor 0.6, Scopus, H index 19	ISSN: 0976-044 X	Chathurdevi, G. and Uma Gowrie, S. (2016). Green synthesis optimization and characterization of silver nano particles using <i>Casuarina junghuhniana</i> aqueous bark extracts and its bioefficacy. <i>International Journal of Pharmaceutical Sciences Review and Research</i> . 39(2), 206-212.	July, 2016
7	International Journal of Pharma and Biosciences	UGC LIST-APRIL 2017; No. 17357 (SJIF 6.268, SJR impact factor Elsevier indexed 0.274, SNIP= 0.538 IPP= 0.34, Scopus indexed)	ISSN No: 0975-629 9.	Priyom Bose., and Uma Gowrie, S. (2016). A strategy to promote growth of crop plant using plant growth promoting fungi (PGPF) isolated from the root of <i>Casuarina junghuhniana</i> . <i>International Journal of Pharma and Biosciences</i> .7(3): (B) 63-69.	July, 2016
8	International Journal of Pharmaceutical Sciences Review and Research	UGC LIST-APRIL 2017- No. 17371 (Elsevier SCImago impact factor 0.6, Scopus, H index 19)	ISSN: 0976-044 X	Saranya, V.T.K., and Uma Gowrie. S. (2016). Green synthesis, optimization and characterization of silver nano particles using aqueous root extract from exotic tree species <i>Casuarina equisetifolia</i> and its antibacterial efficacy. <i>International Journal of Pharmaceutical Sciences Review and</i>	October,2016

				<i>Research.</i> 41(1), 182-187.	
9	International Journal of Current research	UGC	ISSN: 0975-833 x	Chathurdevi, G., and Uma Gowrie. S. (2016). A Promising source of potential bioactive metabolites from the root extracts of <i>Casuarina junghuhniana</i> . <i>International Journal of Current research</i> , 8(12), 43393-43401.	December, 2016
10	International <i>Casuarina</i> Workshop, IFGTB, Forest Research Institute.		ISBN 978-93-82 387-12-1.	Uma Gowrie, S. (2016). Studies on the growth response based on sex in <i>Casuarina equisetifolia</i> with effective endosymbiont- <i>Frankia</i> .	2016
11	International Journal of Pharmacy and Pharmaceutical Sciences.	UGC LIST-APRIL 2017- No. 150 (SCImago, SJR impact factor 0.22, Scopus Indexed, H index 37, Elsevier Indexed)	ISSN No. 0975-149 1	Chathurdevi, G., and Uma Gowrie, S. (2017). Potent Bioactive metabolites of <i>Casuarina junghuhniana</i> roots-A therapeutic approach. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> .9(3), 158-165.	10.22159/ijpps.2017v9i3.16264
12	International Journal of Pharmacy and Pharmaceutical Sciences	UGC LIST-APRIL 2017- No. 150 (SCImago, SJR impact factor 0.22, Scopus Indexed, H index 37, Elsevier Indexed)	ISSN No. 0975-149 1	Abiraami Valli, S., and Uma Gowrie, S. (2017). A study on the bioactive potential of fresh and dried sprouts of <i>Cocos nucifera</i> L.– An <i>In vitro</i> and <i>In silico</i> approach. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 9(3), 129-142.	10.22159/ijpps.2017v9i3.16014
13	World Journal of Pharmaceutical Research	SJIF impact factor 7.523,	ISSN No. 2277-710 5.	Saranya, V.T.K., and Uma Gowrie, S. (2017). Green	10.20959/wjpr20173-7904

		H index 27, i-10 index 68.		synthesis, optimization and characterization of silver nano particles using <i>Casuarina equisetifolia</i> Bark extract and its assays. World Journal of Pharmaceutical Research, 6(3), 797-814.	
14	International Journal of Pharmaceutical Sciences Review and Research	UGC LIST-APRIL 2017- No. 17371 (Elsevier SCImago impact factor 0.6, Scopus, H index 19)	ISSN: 0976-044 X.	Priyom Bose., and Uma Gowrie, S. (2017). Mycosynthesis, optimization and characterization of silver nano particles by endophytic fungus isolated from the root of <i>Casuarina junghuhniana</i> Miq". <i>International Journal of Pharmaceutical Sciences Review and Research.</i> 43(1), 107-115.	March, 2017
15	Asian Journal of Pharmaceutical and clinical research	UGC LIST-APRIL 2017 & MAY 2018; No. 20 (SCImago, SJR impact factor 0.40, Scopus Indexed, H Indexed 26, Elsevier Indexed)	ISSN No. (Online) 2455-389 1.	Priyom Bose., and Uma Gowrie, S. (2017). Assessment of bioactive metabolites from the root endophyte isolated from <i>Casuarina junghuhniana</i> Miq. <i>Asian Journal of Pharmaceutical and clinical research.</i> 10(4), 137-143.	10.22159/ajpcr. 2017.v10i4.163 82
16	International journal of ChemTech Research	UGC LIST-APRIL 2017- No. 140 (SCIMago, SJR impact factor 0.14, Scopus Indexed, H index 34)	ISSN No. (Online) 2455-955 5.	Abiraami Valli, S., and Uma Gowrie, S. (2017). Characterization of phytopharmaceuticals from fresh and dried sprouts of <i>Macrotyloma uniflorum</i> (Lam.) Verdc. <i>International journal of ChemTech</i>	September,2017

				<i>Research, 10(9), 37-551.</i>	
17	Journal of Chemical and Pharmaceutical research.	UGC LIST-APRIL 2017- No. 173 (SCIMago, SJR impact factor 0.12, Scopus Indexed, H index 29, Elsevier impact factor 0.75)	ISSN No. 0975-7384.	Abiraami Valli, S., and Uma Gowrie, S. (2017). Synergistic effect of phytoconstituents in mixed sprouts- An approach towards therapeutic applications. <i>Journal of Chemical and Pharmaceutical research.</i> 9(9), 95-112.	September, 2017
18	National Level Conference on Biotechnological advances towards sustainable agriculture and development. Department of Biotechnology, Hindustan College of arts and science		ISBN: 978-93-86782-09-0.	Abiraami Valli, S., and Uma Gowrie, S. (2017). Natural Plant-derived food products for sustainable development towards consumer needs- A bioprospective approach. <i>Proc. National Level Conference on Biotechnological advances towards sustainable agriculture and development. Department of Biotechnology, Hindustan College of arts and science,</i> 116-146	2017
19	International Journal of Pharma and Bio Sciences	UGC LIST-APRIL 2017; No. 17357 (SJIF 6.268, SJR impact factor Elsevier indexed 0.274, SNIP= 0.538 IPP= 0.34, Scopus indexed)	ISSN No: 0975-6299	Linnett Naveena, M., and Uma Gowrie, S. (2018). "Identification of Plant Growth Promoting Rhizobacteria (PGPR) From Revegetated Soils of Lignite Mines of Neyveli, Tamil Nadu". <i>International Journal of Pharma and Bio Sciences.</i> 9(1):122-129.	10.22376/ijpbs.2018.9.1.b122-129

20	International Journal of Pharmacy and Pharmaceutical Sciences.	UGC LIST-APRIL 2017; No. 150 (SCImago, SJR impact factor 0.51, Scopus indexed, H indexed 29, Elsevier indexed).	ISSN No: 0975-1491	Saranya, V.T.K., and Uma Gowrie, S. (2018). Phytochemical analysis and in-vitro Studies on Antibacterial, Antioxidant and Anti-Inflammatory Activities Using <i>Casuarina equisetifolia</i> Bark Extracts". <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> .10 (1).	2018
21	Asian Journal of Pharmaceutical and Clinical Research	UGC LIST-APRIL 2017 & MAY 2018; No. 20 (SCImago, SJR impact factor 0.40, Scopus indexed, H indexed 21, Elsevier indexed)	ISSN No: 2455-3891.	Saranya, V.T.K., and Uma Gowrie, S. (2018). Pharmacological studies: antibacterial, antioxidant, and anti-inflammatory efficacy of <i>Casuarina equisetifolia</i> root extracts. <i>Asian Journal of Pharmaceutical and Clinical Research</i> .11(8)	10.22159/ajpcr.2018.v11i8.24642
22	International Journal of Pharmacy and Biological Sciences	UGC JOURNAL NO: 46322 (SJIF Impact factor 3.125, Global impact factor 0.888, Thomson Reuters indexed)	ISSN: 2230-7605 (Online), ISSN: 2321-3272 (Print	Abiraami Valli, S., and Uma Gowrie, S. (2018). Plant-derived food products as dietary supplements for sustainable utilization- An <i>in vitro</i> and <i>in silico</i> approach. <i>International Journal of Pharmacy and Biological Sciences</i> , 8(4), 416-425.	October, 2018
23	Journal of Scientific Agriculture.		ISBN No. 2184-0261.	Uma Gowrie, S., Chathurdevi, G., Priyom Bose., and Saranya, V.T.K. (2018). <i>Casuarina</i> sp.-A promising multipurpose tree crop	March, 2018

				for sustainable utilization. <i>Journal of Scientific Agriculture</i> . 158	
24	Journal of Drug Delivery and Therapeutics,	UGC S.N.-13370, Journal Number-4574 (UGC-CARE list June 2019; Group D Global impact factor 0.675)	ISSN No. (Online): 2250-1177.	Abiraami Valli, S., & Uma Gowrie, S. (2019). Sprouts as functional food- an approach towards the identification of natural antibiotic resistance breakers. <i>Journal of Drug Delivery and Therapeutics</i> , 9(1-s), 23-35.	10.22270/jddt.v9i1-s.2240
25	International Journal of Pharmacy and Biological Sciences	UGC JOURNAL NO: 46322 (SJIF Impact factor 3.125; Global impact factor 0.888)	ISSN: 2230-7605 (Online), ISSN: 2321-3272 (Print).	Priyom Bose., & Uma Gowrie, S. (2019). Optimization of culture conditions for growth and production of bioactive metabolites by endophytic fungus- <i>Aspergillus tamarii</i> . <i>International Journal of Pharmacy and Biological Sciences</i> , 9(2), 469-478.	10.21276/ijpbs.2019.9.2.60
26	Journal of Environmental Protection	In UGC-CARE LIST Group II Scopus indexed, Cite Score 2020: 0.4 (Research Gate impact factor 0.09; SJR 0.13. H indexed 17)	ISSN: 0253-7141	Linnett Naveena, M., & Uma Gowrie, S. (2019). Potential metabolites of <i>Bacillus subtilis</i> strain isolated from rhizospheric soils of revegetated mine spoil dumps. <i>Indian Journal of Environmental Protection</i> . 39(10), 938-944.	October, 2019
27	Biosciences Biotechnology Research Asia	Web of Science indexed	ISSN: 2456-2602 (Online), ISSN: 0973-1245 (Print).	Parvin Zeenath Anwar., & Uma Gowrie, S. (2020). Endophytic bacteria from <i>Cissus quadrangularis</i> , A promising source of	10.13005/bbra/2816

				bioactive compounds. <i>Biosciences Biotechnology Research Asia. 17(1), 115-126.</i>	
28	International Journal of Pharmaceutical Sciences and Research	Web of Science indexed	ISSN: 0975-823 2 (Online), ISSN: 2320-514 8 (Print).	Parvin Zeenath Anwar., Uma Gowrie, S., & Arunagirinathan, N. (2020). Bioactive compound analysis and bioactivities of endophytic bacteria from <i>Cissus quadrangularis.</i> , <i>11(11).</i>	10.13040/IJPS R.0975-8232.11 (11).5553-60
29	Proc. International Multidisciplinary Conference on Biosphere Conservation- Emerging Vistas in Sciences, Economics and Tamil Literature (BEST- 2020), New Century Book House Pvt. Ltd., Ambattur, Chennai- 600 050. 1 st Edition.		ISBN: 978- 81- 2343- 983- 9.	Mahalakshmi. R, S. Uma Gowrie and S. Abiraami Valli. (2020). ‘ <i>Melia</i> sp.- A Ware house of ethnobotanical, pharmacological and commercial importance.’	2020
30.	Proc. International Multidisciplinary Conference on Biosphere Conservation- Emerging Vistas in Sciences, Economics and Tamil Literature (BEST- 2020), New Century Book House Pvt. Ltd., Ambattur, Chennai- 600 050. 1 st Edition.		ISBN: 978- 81- 2343- 983- 9.	Parvin Zeenath Anwar, S. Uma Gowrie and N. Arunagirinathan. (2020). ‘Endophytes- A Promising alternative for conservation of medicinal plants’. 692 – 698	2020

31	Proc. International Multidisciplinary Conference on Biosphere Conservation- Emerging Vistas in Sciences, Economics and Tamil Literature (BEST- 2020), New Century Book House Pvt. Ltd., Ambattur, Chennai- 600 050. 1 st Edition.		ISBN: 978- 81- 2343- 983- 9.	Sangeetha. S, S. Uma Gowrie and P. Thenmozhi (2020). 'Indigenous knowledge and pharmacological studies in Neem'. 699-707	2020
32	Proc. International Multidisciplinary Conference on Biosphere Conservation- Emerging Vistas in Sciences, Economics and Tamil Literature (BEST- 2020), New Century Book House Pvt. Ltd., Ambattur, Chennai- 600 050. 1 st Edition.		ISBN: 978- 81- 2343- 983- 9.	Sathiya. C, S. Uma Gowrie and M. Bhanu (2020). 'Spices- A Wonder to women health care' 708 – 717	2020
33	Boca Raton, Florida: CRC Press, Taylor & Francis group.		ISBN 97803678 57592 (hardback); ISBN 97810030 14898 (ebook).	Abiraami Valli, S., & Uma Gowrie, S. (2020). Coconut sprouts as Phytomedicine- An approach towards the identification of nutraceuticals. In P, Thangaraj (Ed.). <i>Phytomedicine: Research and</i>	<u>10.1201/97810 03014898-20</u>

				<i>Development</i> (1st ed., pp. 187-195).	
34	Current Trends in Biotechnology and Pharmacy	Scopus indexed. SJR 0.12; H Index: 11; Cite Score 2020: 0.6	ISSN: 2230-7303 (Online), ISSN: 0973-8916 (Print	Uma Gowrie, S., Chathurdevi, G., & Saranya, V.T.K. (2021). Phytoremediation of heavy metal contaminated Coom soil using <i>Casuarina</i> sp.- A versatile tree crop for sustainable utilization in Wasteland Management. <i>Current Trends in Biotechnology and Pharmacy</i>	March, 2018
35	Journal of Advanced Scientific Research	UGC-CARE listed journal (Global impact factor: 0.567)	ISSN: 0976-9595.	Abiraami Valli, S., & Uma Gowrie, S. (2021). Promising role of luteolin from the sprouts of <i>Cocos nucifera</i> L. in indomethacin-induced gastric ulcer of human gastric adenocarcinoma cell line. <i>Journal of Advanced Scientific Research</i> , 12(1-2), 213-227.	April, 2021
36	Indian Journal of Natural Sciences	Web of Science indexed	ISSN 0976-0997	Abiraami Valli, S., & Uma Gowrie, S. (2021). Molecular Docking of Luteolin from the Sprouts of <i>Cocos nucifera</i> L. against Hp-QAPRTase of <i>Helicobacter pylori</i> . <i>Indian Journal of Natural Sciences</i> , 12(66), 31416-31426.	10.2210/PDB2 B7N/pdb
37	Journal of Advanced Scientific Research	UGC-CARE listed journal- Group I (Global impact factor: 0.567)	ISSN: 0976-9595.	Parvin Zeenath Anwar., Uma Gowrie, S., & Arunagirinathan, N. (2021). Molecular Docking of components from the extracts of endophytic	May, 2021

				bacteria of <i>Cissus quadrangularis</i> against Aurora B kinase. <i>Journal of Advanced Scientific Research</i> . 12(2), 40-48.	
38	International Journal of Current Research and Review	Scopus indexed and UGC-CARE listed journal-Group II. (SJIF impact factor: 7.893; ISI Clarivate impact factor: 1.628; Scopus indexed)	ISSN 0975-5241 (Online); ISSN 2231-2196	Abiraami Valli, S., & Uma Gowrie, S. (2021). Bioprospecting and therapeutic applications of <i>Cocos nucifera</i> L. sprouts. <i>International Journal of Current Research and Review</i> . 13(22), 35-42.	September, 2021
39	Indian Journal of Natural Sciences	Web of Science indexed	ISSN 0976-0997.	Thenmozhi. P., & Uma Gowrie, S. (2021). <i>In silico</i> docking studies of phytochemicals from Tamarind pulp against colon cancer. <i>Indian Journal of Natural Sciences</i> , 68(12)	October, 2021
40	Indian Journal of Natural Sciences	Web of Science indexed	ISSN 0976-0997.	Sangeetha. S., & Uma Gowrie, S. (2021). Efficacy of Phytochemicals from Meliaceae plants against Corona virus- An <i>in silico</i> approach. <i>Indian Journal of Natural Sciences</i> 68(12)	October, 2021
41.	Recent Advances in <i>Melia dubia</i> Cav.?’		ISBN: 978-81-943323-5-0	Dr. S. Uma Gowrie, Ashok Kumar., Anchal Rana, Mahalakshmi, R, Pooja Kumari and Disha Pathak.(2021), Regeneration of <i>Melia dubia</i> Cav.: for commercial cultivation. 35-49	2021
42.	Recent Advances in <i>Melia dubia</i> Cav.?’		ISBN: 978-81-943323-5-0	Dr. S. Uma Gowrie, Abiraami Valli, S, Mahalakshmi, R, Deepika, C and Ashok Kumar (2021),	2021

				Bioprospecting of <i>Melia dubia</i> Cav. 23-34	
43.	Recent Advances in <i>Melia dubia</i> Cav.?’		ISBN: 978-81-94 3323-5-0	Dr. S. Uma Gowrie, S., Mahalakshmi, R, Abiraami Valli, S, Deepika, C and Ashok Kumar (2021), Phytoremediation through <i>Melia dubia</i> Cav. for sustainable rehabilitation of heavy metals pollutant rich soil. 289-299	2021

FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Ethiraj College for Women	National	Faculty Development Workshop on Research Insights, Publication and Proposal Strategies	15 th July 2019.
2	Ethiraj centre for Research, Innovation and Creativity, Ethiraj College for Women	National	Faculty Development Workshop on Research, Innovation and Creativity	14 th September 2019.
3	Ministry of Human Resource Development (MHRD), Government of India and Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi	National	Faculty Development Programme on Managing Online Classes and Co-creating MOOCS	20 th April-6 th May, 2020
4	Internal Quality Assurance Cell	National	Two days Faculty Development Programme on	16 th and 17 th May, 2020.

	(IQAC) and Shasun Knowledge Centre (SKC), Shri Shankarlal Sundarabai Shasun Jain College for Women, Chennai,		‘Statistical Application using SPSS’ by Dr. R. Ravanan JD, Chennai	
5	Ministry of Human Resource Development (MHRD), Government of India and Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi	National	Online Workshop on Comprehensive e-Learning guide for Administrative Work	25 th May-5 th June, 2020
6	Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008	National	Online Faculty Development Programme on ‘Recent Trends in Molecular Biotechnology’	Organized by the on 3 rd & 4 th June, 2020.
7	Teaching Learning Centre, Ramanujan College, and University of Delhi, sponsored by Ministry of Human Resource Development (MHRD), Government of India	National	One Week Faculty Development Programme on ‘Open Source Tools for Research’	8 th to 14 th June, 2020.
8	Ethiraj College for Women (Autonomous),	National	Online Faculty Development Programme on	15 th to 19 th June, 2020.

	Affiliated to the University of Madras, Chennai- 600 008		'Rejuvenation of Body, Mind and Soul'	
9	Ministry of Human Resource Development (MHRD), Government of India and Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi,	National	Faculty Development Programme on 'Advanced Concepts for Developing MOOCS'	2 nd July-17 th July, 2020
10	GRABS Educational Charitable Trust & Tamil Nadu Association of Intellectuals and Faculty	National	Online Workshop on 'MOODLE Learning Management System'	15 th July-19 th July, 2020
11	Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008	National	National Faculty Development Programme on 'A Perspective of Emerging Advances in Life Sciences'	27 th to 29 th July 2020.

WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Ethiraj College for Women, Chennai- 600 008,	National	'Combating Ailments by Siddha Medicine, Acupuncture and Varmam'	5 th June, 2020
2	Ethiraj Centre for Research, Innovation & Creativity (ECRIC),	National	'Citation Database and Analysis, Scientometric Study'	9 th June, 2020.

	Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai-600008.			
3	Annamalai University, in collaboration with ELSEVIER.	National	Webinar on 'Basic Author Workshop Research Article Writing & Reference Management Using Mendeley'	22 nd June, 2020
4.	Chennai Science Colloquium (CSC),	National	Webinar on 'Drops, Droplets and Aerosols: A COVID-19 Perspective'	27 th June, 2020.
5	Organized by PG & Research Department of Botany in association with Centre for Advanced Studies in Botany, University of Madras	International	International Webinar Series on 'COVID 19- Current Trends and Countermeasures'	20 th to 22 nd July, 2020.
6	Mount Carmel College, Bengaluru	International	International Webinar Series on 'Secret Treasures in Plant Science'	20 th to 23 rd July, 2020.
7	College of Horticulture and Forestry, Central Agricultural University, Pasighat	National	Webinar on 'Environment and Climate Change'	20 th to 23 rd July, 2020.
8	Ethiraj College for Women	National	National Student Webinar Series on 'Antiviral plants, Antioxidant Properties of Plants, Anti-aging foods, Anti-fungal Herbs and Anti-bacterial Herbs'	21 st to 25 th July, 2020.

9	Ethiraj College for Women	National	Webinar on 'Real-time PCR in Molecular Diagnosis of Viral Infections'	27 th July, 2020.
10	Department of Horticulture, Faculty of Horticulture, Annamalai University	National	Webinar on 'Orchids-The Money Spinning Crop'	27 th July, 2020.
11	Ethiraj College for Women	National	National Webinar on 'Role of Metals in Biological System- Necessity to Toxicity'	12 th December, 2020.

AWARDS:

In Dr. P. D. Sethi Memorial Annual National Awards 2020 for **Best research paper on Application of TLC/HPTLC in Pharma, Herbal & other Chemical Analysis** by Anchrom Technologies. Paper entitled "Endophytic Bacteria from *Cissus quadrangularis*, A promising source of Bioactive compounds".

OTHERS:

Member in Board of studies	<ol style="list-style-type: none"> 1. Quaid-E-Millath Government College for Women, Chennai, from 2017-2020 (Subject expert) 2. Loyola College, Chennai from 2018-2019 onwards (Subject expert) 3. Women's Christian College, Chennai from 2019-2021 (University representative)
Subject Expert in Academic Audit	<ol style="list-style-type: none"> 1. IQAC- Women's Christian College held on February 2018, Chennai. 2. IQAC- Quaid-E-Millath Government College for Women, held on March 2018, Chennai. 3. IQAC- Chellammal Womens College, held on March 2021, Chennai.
Panel of Examiners for UG, PG and M.Phil.	<p>UNIVERSITIES: University of Madras, Bharathidasan University, Bharathiyar University, Periyar University.</p> <p>COLLEGES: Women's Christian college, Presidency college, SIET college, Quaid-E-Millath College, Loyola College, New college and Stella Maris.</p>
No. of Ph.D. thesis adjudicated	Eight

Doctoral Committee Member in City Colleges and Institutes	1. Presidency College, Chennai 2. Loyola College, Chennai 3. Queen Mary's College, Chennai 4. Quaid-E-Millath College, Chennai 5. IIBAT, Padappai 6. SRM Science & Technology, Kattankulathur
Member in College Research Forum	Ethiraj College for Women (Autonomous), Chennai from 2016-2017 onwards
IQAC MEMBER	Student enrolment committee- Department Link Member, Ethiraj College for Women (Autonomous), Chennai from 2009 onwards
Ethiraj Centre for Research, Innovation and Creativity (ECRIC) Committee Member	Ethiraj College for Women (Autonomous), Chennai from 2019-2020 onwards
Dean of Research (Aided)	Ethiraj College for Women (Autonomous), Chennai from 2020 onwards
Member in State Research Guidance Cell (SRGC)	State Council of Educational Research and Training (SCERT), Tamil Nadu from 2020 onwards

ORGANIZING SECRETARY

National Level Online Quiz on Research Methodology for Life Sciences- Research Minds 2020- Inspect Explore Learn on 29th June 2020 organized by Ethiraj Centre for Research, Innovation and Creativity (ECRIC), Ethiraj College for Women.

470 Participants from all over India and 17 States including Tamil Nadu have participated and have explored the concepts in Research Methodology for Life Sciences.

AS CHAIRPERSON IN CONFERNCES

1. Chairperson for a session in National Conference on “**Recent trends in applied perspectives of plant sciences**” which was held on February 2018, Pachaiyappa's College, Chennai.
2. Chairperson for a session in International Conference on “**Recent Scenario in Plant Science Research- Climate Change and its Associated Variations**” (ICRSPSR-2018) which was held on March 2018 organized by the Department of Botany, Annamalai University, Chidambaram.

INVITED PLENARY LECTURE

1. **Uma Gowrie. S**, Plenary Lecture on ‘Phytopesticides- An insight on potential secondary metabolites in plant protection’ in the Conference on ‘**Recent Trends in Pesticides Development and Registration**’ on 7th and 8th September, 2018, organized by International Institute of Biotechnology and Toxicology (IIBAT), Padappai, Chennai held at Rain Tree Hotel, Teynampet, Chennai, Tamil Nadu, India.
2. Ashok Kumar, Rama Kant, D.H.S. Bist and **S. Uma Gowrie**, Plenary lecture entitled, “Neem: A Wonder tree for human health and fertiliser industry” at National Conference and Exhibition on “**Herbal Biodiversity and Health Management- New Strategies and Approaches**” organized by Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008, Tamil Nadu, India on 7th and 8th February, 2019.