

RESEARCH

Papers Presented & Published by Faculties/Scholars/Students

Sl.No	Year	Name	Title	International Conference	Institution
1.	2014-2015	Saranya.V.T.K. and UmaGowrie.S	“Phytochemical studies of <i>Casuarinaequisetifolia</i> , root extracts, green synthesis of silver nano particles and its bio efficacy”	National	National Seminar on Current Scenario of Plants as Potential Drugs – Quaid – E – Milleth Government College for Women, Chennai – 3 Jan 2015.
2.	2014-2015	G.Chathurdevi and Uma Gowrie.S (BEST PAPER AWARD)	“Endophytic fungi isolated from medicinal plants-A promising source of potential bioactive metabolites”	National	National Seminar on Current Scenario of Plants as Potential Drugs – Quaid – E – Milleth Government College for Women, Chennai – 3 Jan 2015.
3.	2014-2015	Saranya.V.T.K, UmaGowrie.S and G.Chathurdevi.	“Evaluation of bioactive potential of phytochemicals in cladode extracts of <i>Casuarina sp.</i> and its significance”	International	International conference on medicinal plants and Herbal Drugs for Human Welfare – University of Madras, CAS in Botany & Centre for Herbal Sciences - 28- 30 January 2015.
4.	2014-2015	Priyom Bose, Uma Gowrie.S and LinnetteNaveena	“Bioactive potential of root endophytes isolated from <i>Casuarinasp</i> ”	International	International conference on medicinal plants and Herbal Drugs for Human Welfare – University of Madras, CAS in Botany & Centre for Herbal Sciences - 28- 30 January 2015.
5.	2014-2015	G.Chathurdevi, Uma Gowrie.S and Priyom Bose	“A promising source of potential bioactive metabolites from the root and its endophytes of	International	International Seminar on Biotechnology - Challenging the challenges of the

			<i>Casuarinasp</i> ”		changing world – Justice Basheer Ahmed Sayeed College For Women, Chennai - 4 -5 Feb 2015.
6.	2014-2015	Priyom Bose , Uma Gowrie.S and LinnettNaveena	“Bioactive potential of rhizobacteria from plants found in mine spoils of Neyveli lignite mines”	International	International Seminar on Biotechnology - Challenging the challenges of the changing world – Justice Basheer Ahmed Sayeed College For Women, Chennai - 4 -5 Feb 2015.
7.	2015-2016	Saranya.V.T.K , UmaGowrie.S and G.Chathurdevi	“An invivoangiogenic activity of bioactive compound- Tannic acid- A macro polyphenol, isolated and characterized from the bark extract of <i>Casuarina</i> sp. (Casuarinaceae).	International	International symposium on medicinal plants and herbal drugs in human and live stock wealth – a global prospective at Pachaiyappa’s College January 2016.
8.	2015-2016	Priyom Bose and Uma Gowrie.S	“A strategy to enhance the growth of medicinal plants using plant growth promoting fungi (PGPF) isolated from the root of <i>Casuarina</i> sp.”	International	International symposium on medicinal plants and herbal drugs in human and live stock wealth – a global prospective at Pachaiyappa’s College January 2016.
9.	2015-2016	Priyom Bose and Uma Gowrie.S	“Assessment of bioactive metabolites from the root endophyte isolated from <i>Casuarinasp</i> .”	International	XV AZRA International conference on recent advances in life science at Ethiraj College for Women, February 2016
10.	2015-2016	G. Chathurdevi and Uma Gowrie.S and V.T.K Saranya (BEST PAPER AWARD)	“Green synthesis, characterization of silver nano particles using <i>Casuarinasp</i> aqueous bark extract and its bioefficacy”	International	XV AZRA International conference on recent advances in life science at Ethiraj College for Women, February 2016
11	2015-2016	R.Manimozhi and Shyamala	Eco-friendly Natural Dyeing of Yarn with	International	XV AZRA International

		Kanakarajan	<i>Acalypha wilkesiana</i> using different mordants		conference on recent advances in life science at Ethiraj College for Women, February 2016
12	2015-2016	Sohini Mukherjee and Shyamala Kanakarajan	Study on Pigment Identification from <i>Aerva sanguinolenta</i> leaves for textile dyeing.	International	XV AZRA International conference on recent advances in life science at Ethiraj College for Women, February 2016
13.	2015-2016	Abiraami Valli. S and Uma Gowrie. S	“Comparative study of phytase enzyme from plants and microbes using bioinformatics tools”	International	XV AZRA International conference on recent advances in life science at Ethiraj College for Women, February 2016
14.	2015-2016	Linnett Naveena. M and Uma Gowrie. S	“Evaluation of plant growth promoting traits of bacteria isolated from plants found in lignite mine soil of Neyveli, Tamil Nadu”	International	XV AZRA International conference on recent advances in life science at Ethiraj College for Women, February 2016
15.	2016-2017	Abiraami Valli. S and S. Uma Gowrie	“Synergistic effect of phytoconstituents in mixed sprouts- An Approach towards Therapeutic applications”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by Department of Biotechnology, Vels University, 29 th and 30 th September 2016.
16.	2016-2017	Saranya.V.T.K and S. Uma Gowrie	“Efficacy Of Bioactive Compound - Tannic Acid – A Macro Polyphenol, Isolated Purified And Characterized From The Bark Extract Of <i>CasuarinaSp</i> (<i>Casuarinaceae</i>)”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by Department of Biotechnology, Vels University, 29 th and 30 th September 2016.
17.	2016-2017	Chathurdevi.G and S. Uma Gowrie (BEST PAPER)	“Bioactive Metabolites of <i>Casuarinajunghuhniiana</i> roots – A therapeutic approach”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for

		AWARD)			Human Welfare, organized by Department of Biotechnology, Vels University, 29 th and 30 th September 2016.
18.	2016-2017	Priyom Bose and Uma Gowrie. S (BEST PAPER AWARD)	“Mycosynthesis, Optimisation And Characterization Of Silver Nanoparticles By Endophytic Fungus Isolated From The Root Of <i>Casuarinajunghuhniiana</i> ”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by Department of Biotechnology, Vels University, 29 th and 30 th September 2016.
19.	2016-2017	Linnett Naveena. M and Uma Gowrie. S (BEST PAPER AWARD)	“Phytochemical analysis and PGPR traits of bacterial isolates from revegetative lignite mine spoil dumps of Neyveli, Tamil Nadu”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by Department of Biotechnology, Vels University, 29 th and 30 th September 2016.
20.	2016-2017	Saranya.V.T.K and S. Uma Gowrie	“Green synthesis, optimization, characterization and bioefficacy of silver nanoparticles synthesized from aqueous root nodules of <i>Casuarinaequisetifolia</i> ”,	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by National Centre for Nano Science and Nanotechnology, University of Madras, on 7 th and 8 th February 2017.
21.	2016-2017	Priyom Bose and Uma Gowrie. S	“Green synthesis, optimisation and characterization of silver nanoparticles by endophytic fungus isolated from the root of <i>Casuarinajunghuhniiana</i> M iq.”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by National Centre for Nano Science and Nanotechnology, University of Madras, on 7 th and 8 th February

					2017.
22.	2016-2017	Chathurdevi.G and S. UmaGowrie	“Green synthesis, optimization and characterization of silver nano particles using <i>Casuarinajunghuhniana</i> iq. aqueous root extract and its bio efficacy”	National	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by National Centre for Nano Science and Nanotechnology, University of Madras, on 7 th and 8 th February 2017.
23.	2016-2017	R.Manimozhi and Shyamala Kanakarajan	A Potential Dye from <i>Acalypha wilkesiana</i> for Conventional and Sonicator Dyeing of Cotton and Silk Yarn	National conference	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by Department of Biotechnology, Vels University
24.	2016-2017	Sohini Mukherjee and Shyamala Kanakarajan	Application of Ecofriendly Natural Dye on Cotton Yarn using biomordant and its evaluation of fastness.	National conference	National Conference on Biomaterials from Micro Organisms and Medicinal Plants for Human Welfare, organized by Department of Biotechnology, Vels University.
25.	2016-2017	Punitha. S and Kavitha.S	Analytical Techniques in Chemistry (GC, HPLC, HPTLC and FT-IR)	National Workshop	Department of Chemistry, School of Basic Sciences, Vels University, Chennai on 24 th and 25 th October, 2016.
26.	2016-2017	Punitha. S and Kavitha.S	Heavy Metal Analysis using Atomic Absorption Spectrophotometer	Regional Workshop	Environmental Monitoring Research Laboratory, PG & Research Department of Advanced Zoology and Biotechnology, Loyola College, Chennai on

					22 nd to 24 th September, 2016.
27.	2016-2017	Punitha. S and Kavitha.S	Academics and Research	Workshop	Dean of Academics and Dean of Research, Ethiraj College for Women, Chennai on 1 st February, 2017.
28	2017-2018	Chathurdevi.G and S. Uma Gowrie (BEST PAPER AWARD)	“Phytoremediation of heavy metal contaminated soil using <i>Casuarina</i> sp.- an approach”	National	National level conference on Biotechnological advances towards sustainable agriculture and environment” organised by Department of Biotechnology, Hindustan College of arts and science, Chennai on 24th August, 2017.
29	2017-2018	Abiraami Valli. S and S. Uma Gowrie (BEST PAPER AWARD)	“Natural Plant derived food products for sustainable development towards consumer needs- A bioprospective approach”	National	National level conference on Biotechnological advances towards sustainable agriculture and environment” organised by Department of Biotechnology, Hindustan College of arts and science, Chennai on 24th August, 2017.
30.	2017-2018	Abiraami Valli. S and S. Uma Gowrie (BEST PAPER AWARD)	“Sprouts as Functional food- An approach towards the identification of natural antibiotic resistance breakers”	International	International Conference on Novel Antibiotic Resistance Breakers and Diagnostic Biomarkers organized by School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai-600 048, on 22nd and 23rd December 2017.
31.	2017-2018	ParvinZeenath	“Endophytic bacteria	International	International

		Anwar and S. Uma Gowrie (BEST PAPER AWARD)	isolated from medicinal plant- a promising source of potential bioactive metabolites”		Conference on “Biodiversity- Strategies for Conservation and Sustainable Utilization” organized by PG & Research Department of Zoology and Department of Biochemistry, Ethiraj College for Women, Chennai, on 1st and 2nd February 2018.
32.	2017-2018	Abiraami Valli. S and S. Uma Gowrie (BEST PAPER AWARD)	“Plant-derived food products as dietary supplements for sustainable utilization- An <i>In-vitro</i> and <i>In-silico</i> approach”	International	International Conference on “Biodiversity- Strategies for Conservation and Sustainable Utilization” organized by PG & Research Department of Zoology and Department of Biochemistry, Ethiraj College for Women, Chennai, on 1st and 2nd February 2018.
33.	2017-2018	Saranya.V.T.K and S. Uma Gowrie	“Green synthesis, optimization, characterization of silver nanoparticles using <i>Casuarinaequisetifoliar</i> root extract and its impact on environment”	International	International Conference on Impact of Nanotechnology on Health and Environment”, organized by Quaid-E- Millath Government College for Women, Chennai, on 26th and 27th February 2018.
34.	2017-2018	Uma Gowrie.S, G. Chathurdevi, Priyom Bose and V.T.K. Saranya,	‘ <i>Casuarina</i> sp. - A promising multipurpose tree crop for sustainable utilization’	International	International conference on Recent Scenario in Plant science research- Climate change and its associated variations. 2018.
35.	2017-2018	Punitha. S and Kavitha.S	Biotechnological Advances Towards Sustainable Agriculture	National Conference	Department of Biotechnology, Hindustan College of

			and Environment		Arts & Science, Chennai on 24 th August, 2017.
36	2017-2018	Punitha. S and S.Kavitha (Best Paper Award)	Biodiversity- Strategies for Conservation and Sustainable Utilization	International Conference	PG & Research Department of Zoology and Department of Biochemistry, Ethiraj College for Women, Chennai on 1 st and 2 nd February, 2018.
37.	2018-2019	AbiraamiValli. S and S. Uma Gowrie	“Coconut sprouts as Phytomedicine- An Approach towards the identification of nutraceuticals”	International	International Conference on “ Phytomedicine ” organized by Department of Botany, Bharathiar University, Coimbatore- 641 046, Tamil Nadu, India, in collaboration with Defence Research & Development Organisation- Defence Research Laboratory, Tezpur, Assam on 29 th to 31 st August, 2018.
38.	2018-2019	Uma Gowrie.S, S. AbiraamiValli, Ashok Kumar	“ <i>Meliadubia</i> - A way from Traditional medicine to Agroforestry”	National	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 7 th and 8 th February, 2019.
39.	2018-2019	ParvinZeenath Anwar and S. Uma	“Endophytes from medicinal plant and	National	National Conference and Exhibition on

		Gowrie (BEST PAPER AWARD)	alternative source of bioactive compounds”		“Herbal Biodiversity and Health Management- New Strategies and Approaches” organized by Department of Plant Biology and Plant Biotechnology, EthirajCollege for Women (Autonomous), Affiliated to the University of Madras, Chennai- 600 008, Tamil Nadu, India on 7 th and 8 th February, 2019.
40.	2018-2019	Saranya. V.T.K. and S. Uma Gowrie	“Promotion of economically important medicinal plant <i>Andrographis paniculata</i> using intercropping system”	National	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 7 th and 8 th February, 2019.
41.	2018-2019	Priyanka. N, G. Chathurdevi, S. Uma Gowrie and Ashok Kumar (BEST PAPER AWARD)	“A characteristic study on phytochemical analysis of <i>Meliadubia</i> Cav. Var FRI/MD/241”	National	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 7 th and 8 th February, 2019.
42.	2018-2019	Saranya. V.T.K. and S. Uma Gowrie	“An <i>in vivo</i> antiangiogenic activity of bioactive compound -2-Amino-3-(2-methylene-cyclopropyl)-propionic acid, from bark extract of <i>Casuarinaequisetifolia</i> ”	National	National Conference on “ Biochemistry and Therapeutics of Diabetes and Cancer Treatment & Challenges-BTDCTC 2019 ” organized by Department of Plant Biology and Biotechnology, Loyola College (Autonomous), Affiliated to the University of Madras, Chennai- 600 034, Tamil Nadu, India on 28 th February and 1 st March, 2019.
43.	2018-2019	AbiraamiValli. S and S. Uma Gowrie	“A comparative study on bioefficacy of coconut and its sprouts- A Therapeutic Approach”	National	National Conference on “ Biochemistry and Therapeutics of Diabetes and Cancer Treatment & Challenges-BTDCTC 2019 ” organized by Department of Plant Biology and Biotechnology, Loyola College (Autonomous), Affiliated to the University of Madras, Chennai- 600 034, Tamil Nadu, India on 28 th February and 1 st March, 2019.
44.	2018-2019	Uma Gowrie. S, G. Chaturdevi and V.T.K. Saranya	‘Phytoremediation of heavy metal contaminated Coom soil using <i>Casuarinasp</i> - A versatile tree crop for sustainable utilization in waste land management’,	International	Sixth International <i>Casuarina</i> Workshop. 2019, organized by Kasetsart University, Krabi, Thailand on 21 st to 25 th October, 2019. (Received

					Acceptance for presentation).
45.	2018-2019	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”	National	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 7 th and 8 th February, 2019.
46	2018-2019	Suganthi. S and Kavitha.S	Quality Publications and E- Learning	Faculty Development Programme	Internal Quality Assurance Cell & Dean of Academics, Ethiraj College for Women, Chennai on 19 th September, 2018.
47	2018-2019	Suganthi. S and Kavitha.S	National Conference and Exhibition on Herbal Biodiversity and Health Management- New Strategies and Approaches	National Conference	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women, Chennai on 7 th and 8 th February, 2019.
48	2019-2020	Mahalakshmi. R, S. Uma Gowrie and S. AbiraamiValli	“Phytoremediation of heavy metals using commercial varieties of <i>Meliadubia</i> Cav.- A multipurpose tree crop for Sustainable Utilization in Wasteland management.”	National	“National Seminar on Exploring the Scope of Plant Science (ESPS- 2020)” on 9 th and 10 th January, 2020.
49	2019-2020	Sathiya. C and S. Uma Gowrie (BEST PAPER AWARD)	‘Medicinal plant-derived bioactive compounds as anti-uterine and cervical cancer agents- An overview	National	Conference on Standardization of herbal drugs using sophisticated analytical techniques organized by Department of

					Pharmaceutical analysis, SRM Institute of Science and Technology, Kattankulathur, Chennai on January 23 rd and 24 th , 2020.
50	2019-2020	Thenmozhi. P and S. Uma Gowrie	Conservation strategies of indigenous species of <i>Tamarindusindica</i> L.	National	Plant Genetics and Genomicsconference 2020 organized by Department of Genetic Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai on January 23 rd and 24 th , 2020.
51	2019-2020	Sangeetha. S and S. Uma Gowrie	'Progeny variation in germination and seedling traits of <i>Azadirachtaindica</i> A. Juss.	National	Plant Genetics and Genomics conference 2020 organized by Department of Genetic Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai on January 23 rd and 24 th , 2020.
52	2019-2020	Punitha. S and Kavitha.S	Research, Innovation and creativity	Research Workshop	Ethiraj Centre for Research, Innovation and Creativity (ECRIC), Ethiraj College for Women, Chennai on 14 th September, 2019.
53	2019-2020	Punitha. S and Kavitha.S	Real Time PCR for Gene Expression Analysis	Workshop	SRM Institute of Science and Technology, Kattankulathur on 9 th and 10 th December.
54	2019-2020	Punitha. S and Kavitha.S	Principles and Applications of Spectroscopy- A Problem Solving Approach	State Level Workshop	Ethiraj College for Women, Chennai on 27 th January, 2020.
55	2019-2020	Punitha. S and Kavitha.S	Exploring the Scope of Plant Science (ESPS-2020)	National Seminar	Post Graduate and Research Department of Botany, Queen Mary's College (Autonomous),

					Chennai on 9 th and 10 th January, 2020.
56	2019-2020	Punitha.S and S.Kavitha (Presented a poster)	Plant Genetics and Genomics Conference	International Conference	SRM Institute of Science and Technology, Kattankulathur on 23 rd and 24 th January, 2020.
57	2019-2020	Suganthi. S and S.Kavitha (Best Paper Award)	Exploring the Scope of Plant Science (ESPS-2020)	National Seminar	Post Graduate and Research Department of Botany, Queen Mary's College (Autonomous), Chennai on 9 th and 10 th January, 2020.