

			<i>Uleria salicifolia</i> leafy stem cuttings: a conservation effort				
3	2016	Samydurai P, Saradha M.	Effects of Various Solvent on the Extraction of Antimicrobial, Antioxidant Phenolics from the Stem Bark of <i>Decalepis hamiltonii</i> Wight and Arn.	<i>Asian Journal of Research in Pharmaceutical Science</i>	6(2):129-134.	2231 - 5659	Indian Citation Index
4	2016	Panneer Selvam K, R. Ezhumalai, A. Rajasekar, A. Vijayaragavan, P. Samydurai, V. Aravindhan, M. Senthilkumar, M. Saradha.	Documentation of indigenous and traditional knowledge of Irular tribe of Ariyalur district, Tamilnadu	<i>International Journal of Ethnobiology & Ethnomedicine</i>	2 (1):1-9	ISSN: 1746 - 4269	SCImago
5	2016	Samydurai P., M. Saradha, R. Ramakrishnan, S.Santhoshkumar and V. Thangapandian,	Micropropagation prospective of cotyledonary explants of <i>Decalepis hamiltonii</i> Wight & Arn. An endangered edible species	<i>Indian Journal of Biotechnology</i>	15: 256-260	ISSN 0975 - 0967	SCI
6	2016	Saradha M., P. Samydurai, S. Jeevith and K. Panneerselvam,	Traditional knowledge of cultivated cereals for their food security in Irular tribe of Palamalai hills, a part of Western Ghats of Coimbatore, Tamil Nadu, India	<i>International Journal of Bioresource Science.</i>	3(1): 65-68	ISSN - 2347 - 9655	National Academy of Agricultural Science
7	2017	Panneer Selvam, K. Ezhumalai, R., Vijayaraghavan, A., Thangamani, D., Sivaprakash, M., Aravindan, V., Samydurai, P., Saradha, M.	Enhancing the rural livelihood and to mitigate the climate change through medicinal plant based Agroforestry.	<i>Devagiri Journal of Science</i>	3(1): 1-10.	ISSN 2454 - 2091	The global index
8	2017	Saradha, M., P. Samydurai and G. Divya Bharathi,	Documentation of aboriginal traditional knowledge and inherent indigenous therapeutic plants	<i>Kongunadu Research Journal</i>	4(1): 114-120	ISSN No: 2349 -	Google scholar

			9used by Irula tribals of Coimbatore district, Tamilnadu, India			2694	
9	2017	Saradha, M., G. Divya Bhrathi and S. Paulsamy	Ethnobotanical study of knowledge and medicinal plants use by the Kurumba tribes in Chemmankarai, Nilgiri district, Tamilnadu.	Kong. Res. J	4(2): 136-146.	ISS N No: 2349 - 2694	Google scholar
10	2018	Saradha.M and P. Samydurai	Micropropagation of critically endangered medicinal plant, <i>Utleria salicifolia</i> (Bedd. ex Hook.f.) Bruyns	<i>International Journal of Current Research.</i>	10(7): 71698-71703	ISS N:09 75-833 X	Crossref
11	2019	Saradha. M and P. Samydurai	Effect of IAA on rooting of <i>Boerhaavia diffusa</i> L. Stem cuttings	<i>Research Journal of biological Science</i>	VIII(1): 41-47.	ISS N: 1993 - 6087	IndexC operni cus
12	2019	Divya Bharathi G and M. Saradha	Volatile compound analysis using GC-MS, phytochemical screening and antioxidant activity of <i>Ficus amplocarpa</i> Govind and Masil Fruit.	<i>Global journal of Bioscience and biotechnology</i>	8 (1): 1-9	SSN : 2278 - 9103 , 2278 - 8891	Web of Scienc e
13	2019	Divya Bharathi G, Saradha M, Vishnu Kumar S, Samydurai P and Pugalenth M	Validation of underutilized wild edible fruits from the shola forest of Nilgiris, Western Ghats, Tamil Nadu, India	<i>Infokara Research</i>	8(8): pp 36-49.	ISS N NO: 1021 - 9056	Scopus indexe d
14	2019	Divya Bharathi G, Vishnu Kumar S, Saradha M, Pugalenth M, Samydurai P.	Medicinal plants used for the treatment of skin diseases by Kurumba tribes of Nilgiri District, Tamilnadu.	<i>International Journal of Technical Innovation in Modern Engineering & Science</i>	5 (5): 1121-1125	ISS N: 2455 - 2585	Google Schola r
15	2019	Divya Bharathi	Floristic Study in	<i>Journal of</i>	6 (4): pp	ISS	Google

		G, Vishnu Kumar S, Samydurai P, Pugalenth M and Saradha M	Sholur Wetlands of Nilgiris District, Tamil Nadu, South India.	<i>Emerging Technologies and Innovative Research</i>	155-166.	N: 2349 - 5162	Scholar
16	2019	Saradha, M	Analgesic and anti-inflammatory activities of methanol tuberous root extract of <i>Decalepis salicifolia</i> (Bedd. ex. Hook. f) Venter	<i>International Journal of Life Sciences.</i>	7(4): 649-654	ISS N: 2320 - 964 X	Google Scholar
17	2020	Mangala, N. and M. Saradha	Effective protocol for conservation of <i>Plumbago rosea</i> - a plant of novel and potent anticancer compound Plumbagin	<i>Journal of Global Biosciences.</i>	9(4): 6943-6952	ISS N 2320 - 1355	Google Scholar
18	2020	Kavi Malar S., Surajit Das, Saradha M. and Arul Sheeba Rani M.	Studies on characterization of biofilm associated EPS of <i>Pseudomonas aeruginosa</i> and its interaction with the organic and inorganic pollutants.	<i>Journal of Global Biosciences</i>	9(4): 6974-6982	ISS N 2320 - 1355	Google Scholar
19	2020	Kavi Malar S., Saradha M.	Strategies for phytoremediation of soil contaminated with lead using <i>Alternanthera sessilis</i> .	<i>International Journal of Current Research in Biosciences and Plant Biology.</i>	7(5), 46-50	ISS N: 2349 - 8072	Index Copernicus
20	2020	Divya R, M. Saradha and G. Divya Bharathi.	Evaluation of antibacterial efficacy of different solvent extracts of leaf and tuberous root of <i>Decalepis nervosa</i> (Weight & Arn.) Venter.	<i>Journal of Advanced Scientific Research</i>	11(5): 97-101	ISS N: 0976 - 9595	Google Scholar
21	2020	Jansirani P., Johny Kumar Tagore, P.Raja and M.Saradha	Phytodiversity of Soolakarai Kaliyamman Sacred grove in Sivagangai	<i>Journal of Economic and Taxonomic</i>	44(1-4): 75-83	ISS N 0250 -	Web of Science

			District, Tamilnadu, India.	<i>Botany</i>		9768	
22	2021	Madhumonisa A. S, Saradha M	Effect of Air Pollution on Leaf Properties of Selected Plants.	<i>International Journal of Scientific Development and Research</i>	6(3):233-235.	ISSN 2455-2631	Google Scholar

11. Paper published in proceedings

S. No	Date	Name of the Author/Authors	Title of the Paper	Title of the conference	Organised by	ISBN
1	7.9.2017	Saradha M., G. Divya Bharathi and P. Samydurai.	Diversity and distribution of Orchid species in Eastern Ghats of Tamilnadu, India	Recent trends in Life Sciences: Research, Practices and Application for sustainable development	Department of Botany, Bharathiar University, Coimbatore	978-93870-0007-0
2	7.9.2017	Divya Bharathi, G., M.Saradha and S. Vishnu Kumar	Documentation of potential ornamental plant resources in north division of Nilgiris, Tamilnadu.	Recent trends in Life Sciences: Research, Practices and Application for sustainable development	Department of Botany, Bharathiar University, Coimbatore	978-93870-0007-0
3	7.9.2017	Samydurai P, C. Rajasekar, A.Rajendran, S.Jeevith and M. Saradha	Threatened medicinal taxa in Nilgiris Biosphere Reserve, Western Ghats of Tamilnadu, India.	Recent trends in Life Sciences: Research, Practices and Application for sustainable development	Department of Botany, Bharathiar University, Coimbatore	978-93870-0007-0
4	4.12.2018	Divya Bharathi G, Saradha M , Vishnukumar and P.Samydurai	Indegenous knowledge on medicinal plants used by the Kota tribes of Sholur area, Nilgiri District, Tamil Nadu.	Nirmala Annual Research Congress NARC' 18	Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore	978-93-5321-859-1
5	27.11.2019	Divya R, Saradha, M and G.Divya Bharathi	Phytochemical evaluation of different extracts of leaf and tuberous root of <i>Decalepis nervosa</i> (Wight & Arn.) Venter.	Nirmala Annual Research Congress, NARC' 19	Internal Quality Assurance Cell, Nirmala College for Women, Coimbatore	978-93-5391-196-6
6		Saradha, M	Comparative assessment of	Futuristic Intricate	Department of Botany and	978-93-5346-990-0

			preliminary phytochemical screening, total phenolic content and in vitro antioxidant activities of Piper nigrum L. leaf and stem using different	Stratagem in Computational Genomics	Bioinformatic, Nirmala College for Women, Coimbatore	
7		G.Divya Bharathi and Saradha, M	Antioxidant effect of polyphenols from <i>Ficus guttata</i> fruit – a promising species of Moraceae	International Conference on Emerging trends	V.H.N.Senthikumara nadir College, Virudhunagar and Institute for integrated regenerative medicine, Malaysia	978-93-81723-95-1

12. Book Published: (From the beginning)

S.No.	Name of the book	Name of the Author/Authors	Year of Publication	Name of the Publisher	ISBN
1.	Environmental studies	Saradha M	2018	Nirmala College for Women	978-81-939751-0-7

13. Book chapters Published: (From the beginning)

S.No.	Name of the book	Name of the Author/Authors	Year of Publication	Name of the Publisher	ISBN
1.	Research Trends in Medicinal Plant Sciences.	Divya Bharathi G and Saradha M.	2020	AkiNik publication	978-93-90322-11-4

14. Major/Minor Projects/ Other Funded projects: (From the beginning)

Year	Title of the Project	Principal Investigator/Co-investigator (your position)	Funding Agency	Amount Sanctioned

2015 - 2017	Biotechnological approaches for mass multiplication, germplasm storage and reintroduction of <i>Utleria salicifolia</i> Bedd. Ex Hook.f. – An endemic and critically endangered ethnomedicinal plant of Western Ghats.	Principal Investigator	UGC	4,80,000/-
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15. Courses completed

S.No.	Date	Course name	Organised By
1	17.05.2018 to 13.06.2018	Orientation course	UGC-Human Resource Development Centre, Bharathiar University, Coimbatore
2	07.10.2020 to 20.10.2020	Refresher course in Botany	UGC-Human Resource Development Centre, University of Madras, Chennai
3	-	SWAYAM – NPTEL online certification course cum Faculty Development Programme on Forests and their management	Ministry of HRDC, Government of India.
4	-	SWAYAM – NPTEL online certification course on Plant Biochemistry and Biotechnology	Ministry of HRDC, Government of India.
5	13.05.2020 and 14.5.2020	A Comprehensive online course on Personnel and Stress Management	Department of Commerce CA, Erode Arts and Science College, Erode, Tamilnadu.
6	19.05.2020 to 01.06.2020	MOOC course on MER- Management of Environment and its Resources	Nesamany memorial Christian College
7	3.8.2020 to 8.8.2020	National level online one week short term course on “Plant Taxonomy”	Department of Botany, Nizam College, Osmania University, Hyderabad.
8	3.8.2020 to 8.8.2020	AICTE sponsored Online Short – Term Training Programme (STTP) on “Entrepreneurship Development”	Programme Evaluation Committee, Department of Management, PSGR Krishnammal College

			for Women, Coimbatore.
9	01.09.2020 to 10.09.2020	Short term course in Biodiversity - Status, Service & Management Practices.	Department of Botany, Kongunadu Arts and Science College, Coimbatore – 29.

16. Paper presented in Seminars, Conferences etc. (June 2015 -16 Onwards)

S.No.	Year	Title	Level	Name of the Organizer
1	2016	Screening of Microbial Activity of <i>Boerhaavia diffusa</i> . “International Conference on Food, Energy and Water Microbiology	International	Department of Microbiology, Periyar University, Salem
2.	2016	Wetland Flora of Coonoor, Tamil Nadu, India	International	Department of Biotechnology, K.S.G College of Arts and Science Coimbatore.
	2016	Aquatic flora of Tiger Hill of Nilgiris, Tamil Nadu	National	Department of Microbial Biotechnology, Bharathiyar University, Coimbatore
3.	2017	Comparative evaluation of Antimicrobial efficacy of <i>Boerhavia sps.</i>	International	PG Research Department of Biotechnology and Microbiology, Hindustan College of Arts and Science, Coimbatore
4.	2017	Survey of Medicinally Important Plants of Kalvarayan Hills, Villupuram District, the Eastern Ghats, Tamil Nadu	National	4 TH Indian Biodiversity Congress, Organised in Pondicherry University, Puducherry
5.	2017	Biodiversity and medicinal plant conservation of medicinal plant Resources in Eastern Ghats of Tamilnadu	National	ISCA Kongunadu Arts and Science College, Coimbatore
6	2017	Study of ornamental flora of Coonoor, Nilgiri District, Tamilnadu.	National	ISCA Kongunadu Arts and Science College, Coimbatore
7.	2018	Phytochemical screening and antimicrobial activity of <i>Andrographis alata</i> (Vahl)	International	Organized by College Development Council (CDC), Bharathiar

		Nees.		University, Coimbatore
8.	2018	Documentation of folkloric knowledge on medicinal plants used in Kallar, Nilgiri District, Tamilnadu	International	College Development Council (CDC), Bharathiar University, Coimbatore
9	2018	Documentation of Medicinal plants of Burliyar panchayat, Nilgiris District of Tamil Nadu	International	Department of Botany, Bharathiyar University, Coimbatore
10	2019	Antioxidant effect of polyphenols from <i>Ficus guttata</i> fruit- a promising species of Moraceae	International	Institute for integrated medicine, Malaysia and V.H.N. Senthilumara Nadar College (Autonomous), Virudhunagar,
11	2019	Comparative assessment preliminary phytochemical constituents, Total phenolics and antioxidant property of Piper nigrum leaf and stem.	National	Department of Bioinformatics, Nirmala College for Women, Coimbatore
12	2019	Documentation of Wild Orchids from the Grasslands and Sholas of Sholur, Nilgiris District, Tamil Nadu	National	Department of Botany, Bharathiar University
13	2019	Antimicrobial potential of <i>Tylophora indica</i> – A promising medicinal plant	National	Department of Botany, Avinashilngam Institute for Home Science and Higher Education for Women, Coimbatore
14	2019	Phytochemical Screening and antibacterial potential of <i>Hemidesmus indicus</i>	National	Department of Botany, Avinashilngam Institute for Home Science and Higher Education for Women, Coimbatore
15	2020	Ethnomedicinal plants diversity in Kadambur hills, Sathyamangalam Tiger Reserve, Eastern Ghats of Tamilnadu, India	National	Indian Science Congress (ISCA), Kolkata organized by ISCA, Coimbatore chapter
16	2020	Phytochemical screening and antioxidant potential of <i>Embelia ribes</i> – A promising species of Primulaceae.	National	Indian Science Congress (ISCA), Kolkata organized by ISCA, Coimbatore chapter.

17. FDP, Workshop and Training programme Attended

S.No.	Year	Title	Organised By
1	23.2.15 to 25.2.15	Training programme on Plant Taxonomy	IFGTB and sponsored by Ministry of Environmental Science
2	21.08. 2015.	Faculty Development Programme on “Effective elements of classroom teaching”	Department of Biotechnology and Microbiology of Hindustan College of Arts and Science College, Coimbatore
3.	23. 08. 2016 and 24.08. 2016	Science Academies Lecture workshop on “Prospects of Bioscience”	Department of Biotechnology and Microbiology of Hindustan College of Arts and Science College, Coimbatore
4.	18.12.2019 to 20.12.2019	training programme on “Biofertilizers and Biocontrol agents in Forestry”	Institute of Forest Genetics and Tree Breeding, Coimbatore-2.
5	29.04.2020 to 01.05.2020	FDP on Moodle learning management system	Dept. of Computer Science, Kaypeeyes College of Arts & Science, Kotagiri, The Nilgiris.
6	30.04.2020 to 02.05.2020	National level FDP on online College management and online content creation tools	BMM & BAMMC Department of Lala lajpat Rai College of Commerce and Economics and University of Mumbai with North Storm Academy.
7	05.05.2020 to 11.05.2020	One week FDP on Empowering teachers for smart Teaching	St.Joseph’s PU College, Bangalore
8	07.05.2020	FDP on Forging New Pathways: Skill Based Education & Collaborations	IQAC, Sri G.V.G. Visalakshi College for Women. Udumalpet, Tamilnadu.
9	08.05.2020	FDP on Course and Curriculum Design in higher Education	IQAC, Sri G.V.G. Visalakshi College for Women. Udumalpet, Tamilnadu.
10	13.05.2020 and 14.5.2020	National level FDP on How to become teacher	North Storm Academy, Mumbai.
11	23.05.2020 & 24.05.2020	National FDP on Challenges and Opportunities in Research	Department of Botany, Nirmala College for Women, Coimbatore.
12	27.05.2020	FDP on “Uncovering PIAZZA for Effective Teaching”	Department of Plant Biology and Plant Biotechnology, Presidency College (Autonomous), Chennai
13	25.5.2020 &	FDP on ‘Enhancement of	Department of Botany, PSGR

	26.5.2020	Knowledge and Skills through Scientific Lectures'	Krishnammal College for Women, Coimbatore
14	25.05.2020 to 31.05.2020	Seven days "International Faculty Development program on Biological Sciences"	Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi
15	25.6.2020 to 27.6.2020	Community development Program on Improve your health – Need of the Hour	PG Department of Botany and Department of Clinical Nutrition and Dietetics, PSG College of Arts and Science, Coimbatore – 14.
16	22.7.2020 to 24.7.2020	Three days Faculty Development Programme on "Outcome Based Education	IQAC, School of Arts, Science and Commerce, Rai University, Ahemdabad, Gujarat
17	22.7.2020 to 28.7.2020	One week International level online Faculty Development Programme on "Recent Trends in Computer Science"	Department of Computer Science and Computer Applications of Thiruvalluvar University Model Constituent College of Arts and Science, Thittagudi, Cuddalore.
18	28.7.2020	Online Faculty Development Programme on "GENDER EQUITY IN CLASSROOM"	Gender Equity Cell of Nehru Institute of Engineering and Technology, Coimbatore, Tamilnadu
19	14.05.2020	International Webinar on Plant Molecular Biology in Space	Department of Botany, Nirmala College for Women, Coimbatore.
20	14.05.2020 to 17.05.2020	Webinar on Bioscience for enriching Human life	Department of Biochemistry and Microbiology, Sri Ramakrishna College of Arts and Science for Women, Coimbatore.
21	17.05.2020	Web Series Programme on COVID-19 Stress Management Through Yoga	Nature Science Foundation, Coimbatore, Tamil Nadu, India.
22	28.05.2020	Webinar on Biomolecular Visualization Tools	Department of Bioinformatics, Nirmala College for Women, Coimbatore
23	2.06.2020 & 3.6.2020	Webinar series on Research in basic Science – A tool for nation building	Dean R& D, Kongunadu Arts and Science College, Coimbatore.
24	10.06.2020	Webinar on Ayurveda for Women's Health	Department of Botany and Bioinformatics, Nirmala College for Women, Coimbatore
25	26.06.2020	International Virtual	Department of Plant Biology &

		Conference on “Novel Biotechnological Approaches to combat Emerging Diseases with special focus on SARS Associated Coronavirus Therapeutics”	Plant Biotechnology, Presidency College, Chennai - 5
26	29.06.2020	International e-conference on “Recent Developments for Sustainable Agriculture”	Faculty of Agricultural Sciences, Bharath Institute of higher Education and Research, Selaiyur, Thambaram, Chennai.
27	09.07.2020	Webinar on Recent Trends in Biopharmaceuticals and Green Nanotechnology	PG Department of Botany, The New College, Chennai
28	09.07.2020	National Webinar on Origin of Monsoon and its impact	Renuka College Besa, Nagpur.
29	17.7.2020 & 18.7.2020	Webinar on Biology of Respiratory Infections	Department of Biochemistry, Bharathiar University, Coimbatore
30	22.7.2020	National Webinar on Role of Botanists in Quality Control Measures of Ayurvedic/ Herbal Medicines.	Post Graduate Department of Botany, Mahatma Gandhi Govt. Arts College, Mahe.
31	22.7.2020 to 24.7.2020	International Webinar on Transversal Trends	Department of Science and Humanities, Nehru Institute of Engineering and Technology, Coimbatore.
32	24.7.2020	International Web Conference on The Science of Yogic Breathing	Department of Zoology, Presidency College, Chennai.
33	25.7.2020 & 26.7.2020	National Webinar on “CONSERVATION OF MANGROVE ECOSYSTEM	CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai - 608 502 , Tamil Nadu,
34	3.08.2020 & 4.08.2020	Two days webinar on Essentials of Intellectual property & Technology Incubation	IQAC, IPR Cell,R&D cell and Dr.Aruchami Research Foundation, Kongunadu Arts and Science College, Coimbatore – 29.
35	07.8.2020	International webinar on “COVID-19: Facts and its diagnosis by RT-PCR”	PG Department of Botany, The New College, Chennai – 14.
36	05.11.2020 to 07.11.2020	International Webinar on Ethnopharmacological Aspects and recent trends in	Department of Botany, Kongunadu Arts and Science College, Coimbatore – 29.

		Phytomedicine	
37	21.04.2020 to 30.04.2020	10 day free online workshop for Teachers	Universal Teachers Academy, Puducherry, India.
38	26.5.2020 to 28.05.2020	Three day Online workshop on “Online Course Design, Development and Delivery”	UGC-Human Resource Development Centre University of Hyderabad, Hyderabad-500 046
39	24.10.2020 & 25.10.2020	Two days virtual workshop on Tools and Databases in Bioinformatics	Department of Bioinformatics, Nirmala College for Women, Coimbatore - 18.
40	18.02.2021	FDP on “Emerging Trends in Plant Sciences Topic I - Complementary Digital Tools in Plant Taxonomy”	Department of Botany, Vivekananda College, Tiruvedakam West, Madurai

18. Invited Speaker

S.No	Date	Title	Organised by
1.	15.7.2020 & 16.7.2020	Phytochemistry and its significance	Department of Botany, Vivekanandha College of Arts and Science for Women, Tiruchengode
2.	28.10.2020	Why do we need to protect our environment?	the Department of Science & Humanities of Hindustan Institute of Technology & Hindustan College of Engineering and Technology, Coimbatore.
3.	30.08.2021	From your Ph.D/ Masters thesis to a Start-up	Vivekanandha College of Arts and Science for Women, Tiruchengode

19. Administrative Position: (From the beginning)

S.No.	Administrative position	Period (from -to)
1.	Member in Student Affairs Committee	2018 to till date
2.	Member in Institution Innovation Cell	2020 to till date
3.	Coordinator of IPR cell	2020 to till date
4.	Member in National Innovation and Startup Policy	2021 to till date

20. Other Academic Contributions: (From the beginning)

S.No.	Academic Contribution	Name of the institution	Period
1	Examiner in paper valuation	Nirmala College for Women, Coimbatore	2015
2	Examiner in Central Valuation	Bharathiar University, Coimbatore	2015
3	Examiner in paper valuation	Government Arts College, Coimbatore	2018
4	Question paper setter, Examiner in paper valuation, Practical and Viva voce examination	NGM College, Pollachi	2017
5	Examiner in paper valuation	PSG College of Arts and Science, Coimbatore	2019
6	Examiner in paper valuation	Kongunadu Arts and Science College, Coimbatore	2017

21. Awards and Achievements: (From the beginning)

Year	Name of the Award	Institution issuing the Award
2018	Best Women Faculty Award	Nature Science Foundation, Coimbatore.
2021	Women Researcher Award	VD Good International Factory, International Scientist Awards.