

### 1. Faculty profile:



Name: Mrs. V. Manimozhi

Qualification: M.Sc., M.Phil.

Designation: Associate Professor & Head

Years of Experience: UG: 33 PG: 7

Area of Specialization: (any two): Cytogenetics

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### RESEARCH GUIDANCE

M.Phil. Awarded	4
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### WORKSHOPS

S.no.	Organized by	State/National / International	Topic	Date(s)
1	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women, Chennai (Co-convenor)	Regional	Phytochemical Techniques	27 <sup>th</sup> November 2017
2	Department of Plant Biology and Plant Biotechnology, Ethiraj College (Organizing Secretary)	National	Workshop on Carving skills – Vegetable carving	23 <sup>rd</sup> and 24 <sup>th</sup> July 2018
3	Ethiraj College for Women	Regional	Research, Innovation and Creativity	14 <sup>th</sup> September 2019
4	Internal Quality Assurance	State	Workshop on NAAC Regulations: A Holistic Approach	12 <sup>th</sup> October 2019.

	Cell, Ethiraj College			
5	Dept. of Medical Physics, Anna University	International	Workshop on Principles and Applications of Fluorescence Spectroscopy and Confocal Microscopy.	6 <sup>th</sup> -7 <sup>th</sup> January 2020
6	Internal Quality Assurance Cell, Ethiraj College	National	Workshop- Learning Management System and Open Educational Resources: A Student Centric Approach	25 <sup>th</sup> January 2020.
7	Ethiraj College for Women and TNSCST and Supported by Department of Science and Technology, Government of India	National	Workshop- Intellectual Property Rights	1 <sup>st</sup> February 2020

#### CONFERENCES ATTENDED / PRESENTED PAPER

S. no	Organized by	State/National/ International	Participated/ Presented	Title	Date(s)
1	Ethiraj College in Collaboration with AZRA and Zoological Survey of India.	<b>International</b>	Organizing Committee Member	<b>International</b> Conference on Recent Advances in Life Sciences	11 <sup>th</sup> to 13 <sup>th</sup> February 2016
2	Ethiraj College for Women	<b>National</b>	Participated	From potential for excellence to Excellence in higher educational institutions	18 <sup>th</sup> and 19 <sup>th</sup> July 2016

3	Dr.M.G.R University	<b>National</b>	Participated	Technical Symposium on Disseminating knowledge on medicinal plants	23 <sup>rd</sup> and 24 <sup>th</sup> August 2016
4	Ethiraj College for Women, Chennai	<b>International</b>	Participated	International Conference on “Biodiversity-Strategies for Conservation and Sustainable Utilization ”	1 <sup>st</sup> and 2 <sup>nd</sup> February 2018
5	Guru Nanak College, Chennai	<b>International</b>	Participated	Technological Advances in Agricultural, Animal and Medical Sciences for better quality of life	2 <sup>nd</sup> March 2018
6	Department of Botany, Pachaiyappa’s College	<b>National</b> Conference on “Recent trends in Applied Perspectives of Plant Sciences”	Presented	Conservation of Medicinal plants as Stala viritcham in the temples of Tamil Nadu	February 27 <sup>th</sup> & 28 <sup>th</sup> 2018
7	Madras Christian College , Chennai	<b>National</b>	Participated	Vistas in Biodiversity, Biotechnology and Nanotechnology of Algae	20 <sup>th</sup> -22 <sup>nd</sup> September 2018
8	Central Council for Research in Siddha	<b>National</b> Conference on Global acceptance for Siddha system of medicine- Scope and Challenges	Presented	Safety profile of metals and minerals formulations and detoxification process in Siddha medicine.	28 <sup>th</sup> and 29 <sup>th</sup> September 2018.
9	Department of Plant Biology and Plant Biotechnology, Ethiraj College For Women, Chennai	<b>National</b>	Organizing Secretary	Herbal Biodiversity and Health Management -New Strategies and Approaches	7 <sup>th</sup> and 8 <sup>th</sup> February 2019

10	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Cytological studies on the somatic chromosomes of <i>Allium cepa</i> L. treated with hair dyes.	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.
11	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Studies on the antioxidant activity of eugenol: <i>in vitro</i> and <i>in silico</i> analysis	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.
12	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Herbal therapy in traditional medicine a review on artemisinin used as antimalarial drug	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.
13	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Herbal drug analysis of Ginseng from <i>Panax ginseng</i>	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.
14	Department of Plant Biology	<b>National</b> Conference and	Presented	Review on health management and	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.

	and Plant Biotechnology, Ethiraj College	Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)		treatment for cystic fibrosis patients using herbs	
15	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Review on anti-cancer effects of <i>Vitis vinifera</i> seed	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.
16	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Ethno- botanical studies on Wayanad Wildlife Sanctuary, Katunayake tribe, Kerala- A review.	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.
17	Department of Plant Biology and Plant Biotechnology, Ethiraj College	<b>National</b> Conference and Exhibition on Herbal Biodiversity and Health Management-New strategies and approaches (HBHM-2019)	Presented	Role of herbs and nutraceuticals in treating arthritis- A review	7 <sup>th</sup> and 8 <sup>th</sup> February, 2019.

18	Central Council for Research in Siddha, National Institute of Siddha in Association with Directorate of Indian Medicine and Homeopathy	<b>National</b>	Participated	Siddha Science for Preventive and Promotive Health	13 <sup>th</sup> January 2020
19	Quaid-E-Millath Government College for Women, Chennai	<b>International</b> Conference on Biodiversity and Ecological Restoration	Presented	Qualitative and quantitative analysis of the leaf and rhizome of <i>Costus speciosus</i> .	30 <sup>th</sup> and 31 <sup>st</sup> Jan 2020
20	Ethiraj College for Women sponsored by NCBH	<b>International</b>	Organising Secretary	Multidisciplinary Conference on Biosphere conservation -Emerging vistas in Sciences, Economics and Tamil Literature (BEST 2020).	17 <sup>th</sup> and 18 <sup>th</sup> February, 2020
21	Ethiraj College for Women sponsored by NCBH	<b>International</b> Multidisciplinary Conference on Biosphere conservation -Emerging vistas in Sciences, Economics and Tamil Literature (BEST 2020).	Presented	Studies on somatic chromosomal aberrations induced by the aqueous seed extract of <i>Malus domestica</i> Borkh.	17 <sup>th</sup> and 18 <sup>th</sup> February, 2020

## SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Department of Botany, Government Arts College for Men, Nandanam.	National Seminar on Conserving plants for generating livelihood	Phytochemical and toxicological evaluation of the medicinal plant <i>Costus pictus</i> D.Don.	12 <sup>th</sup> and 13 <sup>th</sup> March, 2020

## JOURNAL PUBLICATIONS

S.NO	JOURNAL NAME	UGC /SCI/SCIE /WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1	Proceedings of XV AZRA International Conference on “Recent Advances in Life Sciences”,		ISBN: S1-90 0947-3-7	Manimozhi, V.2016.Effect of fresh leaf extracts of <i>Ocimum sanctum</i> Linn. On the somatic chromosomes of <i>Allium cepa</i> Linn. In: proc. XV AZRA International Conference on “Recent Advances in Life Sciences”, 11th -13th February, Ethiraj College for Women, pp 197-200	February, 2016
2	Proceedings of International Conference on “Biodiversity strategies for conservation and sustainable utilisation”		ISBN 81-90 0947-3-9	Manimozhi, V.2018.Evaluation of mineral profile and toxicological studies in <i>Delonix regia</i> Linn. In: Proc. International Conference on Biodiversity-Strategies for Conservation and Sustainable Utilization, Ethiraj College for Women, Chennai. pp: 81-84	February 2018

3	International Journal of Scientific Research and Review		ISSN: 2279-543X	Manimozhi, V. 2019.A survey on Stala Virutcham of medicinal plants in the temples of Tamil Nadu, Southern India. <i>International Journal of Scientific Research and Review</i> . 8(7): 88-98.	July 2019
4	Journal of emerging technologies and Innovative Research		ISSN: 2349-5162	Manimozhi, V.2019.Phytochemical investigation of the medicinal plant <i>Coctus pictus</i> . D.Don. <i>Journal of emerging technologies and Innovative Research</i> .6(6): 40-59.	2019
5	World Journal of Pharmacy and Pharmaceutical Sciences	SJIF Impact Factor 7.632	ISSN 2278-4357	Manimozhi, V. 2020.Qualitative and quantitative analyses of the leaf and rhizome of the <i>Costus speciosus</i> . <i>World Journal of Pharmacy and Pharmaceutical Sciences</i> .9(10):2123-2138.	2020
6	Biosphere Conservation-Emerging Vistas in Sciences, Economics and Tamil Literature (BEST- 2020) Ist Edition-Book chapter. New Century Book House Pvt. Ltd		ISBN: 978- 81- 2343-983- 9	Manimozhi, V. 2020.Studies on chromosomal aberrations induced by the aqueous seed extract of <i>Malus domestica</i> Borkh. In: Biosphere conservation-Emerging vistas in science, economics and in Tamil literature (BEST-2020), New Century Book House Pvt. Ltd., Chennai. pp: 640-647	2020



7	Turkish Online Journal of Qualitative Inquiry	Scopus indexed/ UGC care	e-ISSN: 1309-6591	Manimozhi, V. 2021. <i>Invitro</i> alpha amylase and alpha glucosidase activity of <i>Costus pictus</i> D.Don. and <i>Costus speciosus</i> (J. Koenig) Sm. <i>Turkish Online Journal of Qualitative Inquiry</i> .12(5):4142-4152.	July 2021
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#### FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Ethiraj College	National	Faculty Development Workshop on Research Insights, Publication and Proposal Strategies	15 <sup>th</sup> July 2019

#### WEBINARS [National/International]

S.No	Organized by	State/National / International	Topic	Date(s)
1	CAS in Botany , University of Madras	State	Human origin, Health and diseases	23 <sup>rd</sup> May 2020
2	Thiruthangal Nadar College	State	Plant derived antiviral compounds as possible drug targets against COVID 19	25 <sup>th</sup> May 2020
3	Ethiraj College	National	Feminisation of poverty in the pandemic	26 <sup>th</sup> May 2020
4	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women (Autonomous), Chennai	National	Combating Ailments by Siddha Medicine, Acupuncture and Varnam	5 <sup>th</sup> June 2020
5	Faculty of Science, Annamalai University, in collaboration with ELSEVIER	International	Webinar on 'Basic Author Workshop Research Article Writing & Reference	22 <sup>nd</sup> June, 2020

			Management Using Mendeleev	
6	JBAS College	National	Antiviral properties of plants with reference to COVID - 19	22 <sup>nd</sup> June, 2020
7	Presidency College	International	Novel Biotechnological approach to combat emerging diseases with special focus on SARS associated Corona virus Therapeutics	26th June 2020
8	Idhaya College, Kumbakonam	National	Recent trends in Medicinal Microbiology	2nd July 2020
9	Sri Meenakshi Govt. Arts College for Women, Madurai	National	Medicinal plants used in Siddha formulation currently recommended for COVID-19	6th July 2020
10	Sree Vidyadhi Raja NSS College, Vazhoor, Kerala	International	Fire Ecology in neotropical forests and Savannas	9th July 2020
11	SDNB Vaishnav College for Women	International	Biomedical Applications	10th July 2020
12	Ethiraj College	National	Violence against women in lockdown- A gender perspective analysis	13th July 2020
13	Department of Plant Biology and Plant Biotechnology, Ethiraj College For Women, Chennai	National	a Disquisition on, "Antiviral Plants	21 <sup>st</sup> July 2020.
14	Department of Plant Biology and Plant Biotechnology, Ethiraj College For Women, Chennai	National	a Disquisition on, "Antioxidant properties of Plants",	22 <sup>nd</sup> July 2020.
15	Department of Plant Biology and Plant	National	a Disquisition on, "Anti-aging Foods	23 <sup>rd</sup> July 2020

	Biotechnology, Ethiraj College For Women, Chennai			
16	Department of Plant Biology and Plant Biotechnology, Ethiraj College For Women, Chennai	National	a Disquisition on, "Anti Fungal Herbs	24 <sup>th</sup> July 2020
17	Department of Plant Biology and Plant Biotechnology, Ethiraj College For Women, Chennai	National	a Disquisition on, "Antibacterial Herbs",	25 <sup>th</sup> July 2020

#### AWARDS:

1. Received Best Teacher Award by Lions Club International (324-A3 2016-2017), Cuddalore district on 1st October 2016.
2. Dr. Radhakrishnan Teaching Excellence Award by International Association of Lions Club on 15th September 2019.
3. Savitribai Bhule Award by Radio City, the Change Makers of Chennai on 6.3.2020.
4. First place in herbal cooking competition conducted during "National conference on Siddha Science for Preventive and Promotive Health" organised by Central Council for Research in Siddha with the support of Ministry of Ayush in Association with National Institute of Siddha and Directorate of Indian Medicine and Homeopathy on 13.1.2020.

#### OTHERS:

1. Member of Academic Council- University of Madras, from 3.12.2018 to 2.12.2021.
2. University Nominee- nominated as Subject Expert by University of Madras for the appointment of Assistant Professor in Botany on 2.2.2019 at 10.30 am in Sir Theagaraya College, Chennai.
3. Chairperson – Board of Studies - Ethiraj College for women: 20.4.2018, 29.8.2019, 22.7.2021.
4. Chairperson - Board of Studies 2021- Department of Plant Biology and Plant Biotechnology, Madras Christian College, Chennai
5. Member of following Committees:  
College Committee  
Governing body