

FACULTY PROFILE



Name	Dr. Safiya
Qualification	M.Sc., M.Phil, Ph.D
Designation	Associate Professor
Years of Experience	Ethiraj College for Women : 17 Years
Previous Experience	Sriram College of Arts & Science : 5 Years Valliammal College for Women : 2 Years
Area of Specialization	Biochemistry
Email-ID	safiya@ethirajcollege.edu.in

PROJECTS

S#	Title	Duration	Funding Agency	Amount Sanctioned (in lakhs)
1	A study on the levels of Phthalate and Thyroid hormones, Estrogen and Progesterone in long term plastic using Women Subjects	2020 – 2023	Ethiraj College Management	3,50,000
2	Comparative study Vitamin C, Glucose, sodium, potassium levels of organic and conventional banana (Musa acuminata)	2018 - 2019	Ethiraj College Management	8,000
3	Biochemical Study on the Phytochemical, Antioxidant, Antimicrobial and Anticancer Activity of Sweet Potato (Ipomeo Batas)	2018 – 2019	Ethiraj College Management	12,000
4	Screening of phthalate in plastics users	2015 – 2016	Ethiraj College Management	15,000

RESEARCH PUBLICATIONS

S#	Journal Name	Reference	Topic	Date of Publications
1	Biochemical and cellular Archives	Vol.11, No.1, pp245-247,2011. ISSN0972-5073	A study on the Toxic effect of Tebuconazole on Total protein levels in Labeo Rohita	2011

2	Journal of Experimental Zoology India	Vol.15, No.1, pp279-281,2012. ISSN0972-0030	Histological Changes in the Gills and Liver of Labeo Rohita Exposed to Tebuconazole	2012
3	Applied Zoologists Research Association (AZRA),	Recent Advances in Life Sciences. Pp 120	A Study on the Effect of Triazole Fungicide Tebuconazole on Lipid Metabolism in labeo rohita Freshwater fish,	2016
4	Applied Zoologists Research Association (AZRA),	Recent Advances in Life Sciences Pp 183-186	Phthalate Screening in Plastic Users By FTIR spectroscopy	2016
5.	International journal of Zoological Investigation	Vol18,sp11,01-11, 2022,ISSN 2454-3055	Evaluation of Biochemical and Hematological Parameters Polycystic ovarian Syndrome Among Urban college girls.	2022

RESEARCH PAPER PRESENTATION

S#	Organized by	State/National/International	Title	Date (s)
1	Ethiraj College for Women, Chennai.	International	Recent advances in Life Sciences	11.02.2016 to 13.02.2016
2	Ethiraj College for Women, Chennai.	National	Impact of Climate changes on Biodiversity and challenges in Thar desert on "Threat to Fish Biodiversity	09.07.2010
3	Loyola College, Chennai	National	Healthy Environment for the Next Generation -Fish Diversity	02.12.2004 04.12.2004
4	Soka Ikeda College of Arts and Science, Chennai	National	Emerging Trends in Life Sciences-BIOTRENDS15	27.01.2015
5	Justice Basheer Ahmed Sayeed College for women, Chennai	National	Free radical Induced DNA Damage in freshwater fish Labeo rohita by Triazole Fungicide Tebuconazole	04.02.2015 05.02.2015
6	Department of Microbiology, Ethiraj College for Women, Chennai	National	Bioscience Research	26.08.2011 27.08.2011

RESOURCE PERSON

S#	Organized by	State/National/ International	Participated	Title	Date (s)
1	Velammal Matriculation Higher Secondary School, Chennai	State	Chief Guest	Toppers Shield Distribution Ceremony	08.08.2014
2	Rizwana Matriculation Higher Secondary School, Chennai	State	Chief Guest	National Science Exhibition	2014
3	Velammal Matriculation Higher Secondary School, Chennai	State	Chief Guest	Toppers Shield Distribution Ceremony	15.10.2018
4	Justice Basheer Ahmed Sayeed College for Women, Chennai	National	Judge	Conference on "Beat Plastic Pollution	21.01.2019 22.01.2019

WORKSHOPS ATTENDED

S#	Organized by	State/National/ International	Topic	Date (s)
1	Ethiraj College for Women, Chennai.	National	NAAC Regulations: A Holistic Approach	12.10.2019
2	Ethiraj College for Women, Chennai.	National	Faculty Development workshop on "Research, innovation and Creativity"	14.09.2019
3	Ethiraj College for Women, Chennai.	National	Role and Responsibilities of Teachers in Institution Building	12.2017
4	Cell of Ethiraj College for Women, Chennai.	National	Work life Balance	22.08.2017
5	Ethiraj College for Women, Chennai.	National	Performance Enhancement	03.2017
6	Ethiraj College for Women, Chennai.	State	Emerging Vistas in Indian system of Medicine	01.2014
7	Ethiraj College for Women, Chennai.	State	Structure Determination of Compounds by Spectroscopic Techniques - A Problem Solving Approach	08.2013

8	Ethiraj College for Women, Chennai.	National	Development of Strategies for Quality Enhancement	07.2013
9	Ethiraj College for Women, Chennai.	National	Young Adult Counselling	11.2011
10	Ethiraj College for Women, Chennai.	State	Environmental Sensitization and Disaster Management	01.2010

CONFERENCES ATTENDED

S#	Organized by	State/National/International	Topic	Date (s)
1	Government of Maharashtra, Government Vidarbha Institute of science and humanities	International	Strategies and challenges in higher education during covid 19 lockdown period in India	15.05.2020 17.05.2020
2	Yogi Vemana University & University of Malaysia	International	New horizons in biochemistry, microbiology and food technology 2020	12.10.2020 13.10.2020
3	Ethiraj College for Women, Chennai	National	Contemporary Issues in Higher Education	08.02.2007 09.02.2007
4	Dept of Biochemistry and Microbiology, YVU, India and Faculty of Agro based Industry, UMK, Malaysia	International	New Horizons in Biochemistry, Microbiology and Food Technology – 2020 (BMFT)	
5	Ethiraj College for Women, Chennai	National	Effective Governance and Brand Building in Higher Education	02.2014
6	Ethiraj College for Women, Chennai	National	e-Governance	02.2006
7	Ethiraj College for Women, Chennai	International	Developing Competitive Strength in Institutions of Higher Learning in the Changing Scenario	01.2004

SEMINARS ATTENDED

S#	Organized by	State/National/International	Topic	Date (s)
1	Department of commerce (Hons), Ethiraj College for Women, Chennai	International	Navigating the pandemic: A Global perspective	15.06.2020 16.06.2020 17.06.2020

2	Department of chemistry & Biochemistry, Jyoti Nivas college, Banglore	International	Frontier Research in Science	30.06.2020
3	AVIT	National	Material Engineering and technology	22.06.2020 23.06.2020
4	Sri Akilandeswari Women's college	International	Art of research of Article writing and recent Advances in wound dressing biomaterial for diabetic wound care and management	17.06.2020
5	The Bhopal school of social sciences habibganj, Bhopal	National	Importance of Infrastructure and learning resources in the revised accreditation framework of NAAC	06.06.2020
6	Bharathi Womens College, Chennai	International	Digital transformation across the pharma value chain - focus on R&D and manufacturing labs	19.06.2020
7	The American College, Madura	International	Research avenues in Biochemistry	11.06.2020 12.06.2020
8	Soka Ikeda College for Arts and science, Chennai.	International	New avenues for research	06.06.2020
9	Jaya College of Arts and Science, Chennai.	International	Recent trends on parkinson's disease	06.06.2020
10	Bhaktavatsalam Memorial College for Women, Chennai	International	Impact of diet in cancer - insights on evolving concept	05.06.2020
11	Soka Ikeda College for Arts and science, Chennai.	National	Empathy and resilience in the wake of the coronavirus pandemic	01.06.2020
12	St Francis College for Women, Hyderabad	International	How nature responds to coronavirus	21.05.2020
13	Department of Computer Science, Ethiraj College of Women, Chennai	National	Usage of ICT tools	14.05.2020
14	Mahalakshmi College of Women, Chennai.	National	Host Pathogen	20.05.2020 21.05.2020
15	DG Vaishnav College, Chennai	International	Fragile X syndrome myths and facts on EC	23.05.2020

16	Department of Biochemistry, Ethiraj College of Women, Chennai	National	Patenting inventions in India	16.05.2020
17	Ethiraj College for Women, Chennai	National	Entrepreneurship	05.12.2007
18	Dr.M.G.R-Janaki College of Arts & Science for Women, Chennai.	National	Interdisciplinary Approach towards non-invasive research	30.09.2007 31.09.2007
19	Valliammal College for Women, Chennai.	National	SYNAPSE'08	30.01.2008
20	Rajiv Gandhi National Institute of Youth Development, Sriperumbudur	National	Career Counseling for College Lecturers	05.01.2009 06.01.2009
21	Ethiraj College for Women, Chennai.	National	Bioscience Research	26.08.2011 27.08.2011
22	Ethiraj College for Women, Chennai.	National	Young Adult Counseling	15.04.2011
23	Ethiraj College for Women, Chennai.	National	Personality Development for Women	28.03.2012
24	Ethiraj College for Women, Chennai.	National	Bioinformatics and 3D Structure determination of Bio-Molecules	27.02.2012 28.02.2012
25	Ethiraj College for Women, Chennai.	National	Values and Ethics in the 21st Century	23.01.2012
26	Ethiraj College for Women, Chennai.	National	Effective Governance and Brand Building in Higher Educational Institutions	24.02.2014 25.02.2014
27	Ethiraj College for Women, Chennai.	National	Mind Education	12.10.2015
28	Ethiraj College for Women, Chennai.	National	Methods and Means to Develop Research in Colleges	04.08.2015
29	Ethiraj College for Women, Chennai.	National	From Potential for Excellence to Excellence in Higher Educational Institutions	18.07.2016 19.07.2016
30	Ethiraj College for Women, Chennai.	National	Work Life Balance	22.08.2017
31	Ethiraj College for Women, Chennai.	National	Value Ethics in 21st century	23.01.2012
32	Ethiraj College for Women, Chennai.	National	Next generation Banking – Managing Challenges	09.2007
33	Ethiraj College for Women, Chennai.	National		

FACULTY DEVELOPMENT PROGRAM

S#	Organized by	State/National/ International	Topic	Date (s)
1	Alpha Arts & Science College, Chennai	National	Hands on Training in Molecular Techniques	13.08.2010 14.08.2010
2	Ethiraj College for Women, Chennai.	National	Exam reforms (UGC funded)	03.02.2012 04.02.2012
3	Ethiraj College for Women, Chennai.	National	Cardiovascular Health	06.09.2012
4	Ethiraj College for Women, Chennai.	National	Structural Determination of Compounds by Spectroscopic techniques, a problem-solving approach	22.08.2013 23.08.2013
5	Ethiraj College for Women, Chennai.	National	Research collaboration, consultancy and patent and knowledge management	05.04.2013
6	Ethiraj College for Women, Chennai.	National	Emerging Vistas in Indian System of Medicine	27.01.2014 28.01.2014
7	Ethiraj College for Women, Chennai.	National	Health, Stress & Diabetes	11.09.2015
8	Ethiraj College for Women, Chennai.	National	Basic Techniques in Biotechnology	10.01.2017
9	Dr.M.G.R-Janaki College of Arts & Science for Women, Chennai	National	Role of Computational methods and Data for Drug Candidate Selection	01.08.2018
10	Ethiraj College for Women, Chennai.	National	Recent Advances in Biological Research Data Analysis	01.02.2019 02.02.2019 04.02.2019
11	Ethiraj College for Women, Chennai.	National	Research Insights, Publication & Proposal Strategies	15.07.2019
12	St.Joseph's PU College, Bengaluru	National	Empowering Teachers for Smart Teaching	05.05.2020 11.05.2020
13	SIVET College, Chennai.	National	Optimization of Time	20.05.2020
14	Department of Commerce, Ethiraj College for Women, Chennai.	National	Supercharge your Teaching - The Digital Way	27.05.2020 29.05.2020
15	SDNB Vaishnav College for Women, Chennai	National	Integrating SWAYAM MOOCs & Educational Apps in Teaching	28.05.2020 29.05.2020
16	Department of Biochemistry, Ethiraj	National	Recent trends in Molecular Biotechnology	03.06.2020 04.06.2020

	College for Women, Chennai.			
17	Ethiraj Centre for Research Innovation and Creativity (ECRIC), Ethiraj College for Women, Chennai.	National	Citation Database and Analysis, Scientometric Study	09.06.2020
18	Department of Biochemistry, Ethiraj College for Women, Chennai.	National	Adapting to the Covid Era	12.06.2020
19	PG and Research Department of Commerce, Ethiraj College for women in collaboration with Miles Education	National	Progressing Amidst Hindrance- Turning Adversity into Opportunity	08.06.2020 to 14.06.2020
20	Prince Shri Venkateshwara Arts & Science College, Chennai	National	E-Pathshala: A platform for online learning	22.06.2020
21	Ethiraj College for Women, Chennai.	National	Open-Source Learning Platform Moodle	24.06.2020
22	Ethiraj College for Women, Chennai.	National	Recasting from Onsite to Online Pedagogy” organised by the Internal Quality Assurance Cell	20.07.2020 to 24.07.2020
23	Department of Zoology, Ethiraj College for Women, Chennai.	National	A Perspective of Emerging Advances in Life Sciences	27.07.2020 to 29.07.2020
24	RUSA 2.0 - Entrepreneurship & Career Hub, University of Madras, Chennai	National	Applications of molecular techniques in biomedical research	29.07.2020 to 31.07.2020
25	SRM College .Department of Genetic engineering	National	Invitro and Insilico Protocols in Metagenomics	28.11.2022 to 3.12.22

CERTIFICATE COURSES

S#	Offered by	Topic	Duration
1	NPTTEL-AICTE	Biomedical Nanotechnology	Sep-2020 to Oct-2020
2.	Moodle	Online Moodle Basics certification 3.11	

CONFERENCES ORGANISED

S#	Organized by	State/National/ International	Topic	Date (s)
1	Department of Biochemistry, Ethiraj College for Women, Chennai	International	Adapting to the Covid era on the topics "Testing in times of a pandemic" and "Covid 19 and transition to Remote learning	12.06.2020
2	Department of Biochemistry, Ethiraj College for Women, Chennai in association with Department of AZB	International	Biodiversity- Its conservation and Sustainable Utilization	Feb-2018
3	Department of Biochemistry, Ethiraj College for Women, Chennai in association with Department of AZB, PBPB & AZRA	International	Recent Advances in Life Sciences	Feb-2016
4	Department of Biochemistry, Ethiraj College for Women, Chennai	International	Emerging trends in Diagnosis and Therapy	Aug-2012
5	Department of Biochemistry, Ethiraj College for Women, Chennai	National	Covid Science	23.05.2020
6	Department of Biochemistry, Ethiraj College for Women, Chennai	National	Online Education – Pros & Cons	19.06.2020
7	Department of Biochemistry, Ethiraj College for Women, Chennai	National	FDP on Recent trends in Molecular Biotechnology on the topic Development and "Characterization of animal cell line " and "DNA Barcoding : Concept, Promises and Pitfalls	03.06.2020 04.06.2020
8	Department of Biochemistry, Ethiraj College for Women, Chennai	National	Patenting Inventions in India	16.05.2020
9	Department of Biochemistry, Ethiraj	National	Medicinal Plants are the potential Therapeutic	09.05.2020

	College for Women, Chennai		source for Human disease and Disorders	
10	Department of Biochemistry, Ethiraj College for Women, Chennai	National	Health 2020 – An Alternative Perspective	07.01.2020
11	Department of Biochemistry, Ethiraj College for Women, Chennai in association with Madras Diabetic Research Foundation (MDRF)	National	Diabetes and its Implications	Jan-2021
12	Ethiraj College for Women, Chennai in association with Corporation of Chennai	State	Awareness Program on Science for Sanitation	Mar-2007
13	Ethiraj College for Women, Chennai in association with MADMAX-ART on GREEN (NGO)	State	Awareness Program on Environment	Jan-2012
14	Ethiraj College for Women, Chennai in association with Thyrocare Labs	State	Biochemical, Cardiovascular & Thyroid hormone for the staff of Ethiraj College for Women	2010-2011 2011-2012 2012-2013
15	Ethiraj College for Women, Chennai in association with Star Health Insurance	State	Free Medical Health Checkup Camp for the Non-Teaching staff of Ethiraj College for Women	

OTHERS:

Board of Studies Member – Justice Basheer Ahmed Sayeed College for Women, Chennai on Aug-2021

Paper Setting / Evaluation

- DG Vaishnav College
- Queen Marys College
- Bharathi Womens College
- Bharathidasan University
- Vels University
- Bharathi Women's College, Chennai
- Justice Basheer Ahmed Sayeed College, Chennai
- Sankara Arts and Science College, Kancheepuram
- Valliammal College for women, 30th july, 2011