



Name: Dr. L. SHAKILA,
 Qualification: M.Sc., Ph.D.,
 Designation :Assistant Professor
 Years of Experience: UG:14 PG: 14
 Previous Experience: UG:1
 Area of Specialization: Zoology,
 Toxicology
 Email-ID: shakila@ethirajcollege.edu.in

MEMBERSHIP

S.No.	Details	State/National/International
1	Life Member in The Indian Science Congress Association,	Kolkata -17, India.
2	Life Member in Indian Academy of Environmental Sciences	Haridwar, India
3	Member of Zoological Society of India, Hill view compound,	Rampur, Gaya. India.
4	Life member in Institute of Researchers,	Wayanad, Kerela, India.

RESEARCH GUIDANCE

Ph.D. Guiding	4 Students
M.Phil Awarded	2 Students

WORKSHOPS

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Career and Counselling Cell (UGC funded Ethiraj College for Women)	National	Adult Counseling	15 th April 2011
2	IQAC, Ethiraj College for Women.	National	Research Collaboration, Consultancy and Parent and Knowledge Management	5 th April 2013
3	Center of Women Studies (UGC funded) Ethiraj College for Women.	State	Personality Development of Women	28 th March 2012
4	Department of Advanced Zoology and Biotechnology, Ethiraj College for Women	State	Rethinking Work Culture	12 th June 2012

5	Ethiraj College for Women,	State	Basic Techniques in Biotechnology	9 th & 10 th Jan 2017
6	The Internal Quality Assurance Cell	State	“NAAC Regulations: A Holistic Approach”	12 th October 2019

CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National /International	Participated/ Presented	Title	Date(s)
1	Department of Advanced Zoology and Biotechnology in Association with Indian Science Congress Association – Chennai.	State	Participated	Future India Science and Technology	27th and 28th Feb 2019
2	Ethiraj College for Women, Chennai.	State	Participated	“Biodiversity Strategies for Conservation and Sustainable Utilization”	1st and 2nd February, 2018.
3	XV Applied Zoologist Research Association (AZRA) Ethiraj College for Women, Chennai.	International	Participated	Recent Advances in Life Science”	11th -13th February, 2016.

SEMINARS

S.no.	Organized by	State/National/ International	Topic	Date(s)
1	Ethiraj College for Women,	National	Basic Techniques in Biotechnology	9 th & 10 th Jan, 2017
2	Department of Advanced Zoology and Biotechnology in Association with Indian Science Congress Association – Chennai	National	Future India – Science and Technology	27 th & 28 th Feb, 2019
3	Ethiraj College for Women, Chennai.	International	Biodiversity – Strategies for Conservation and Sustainable Utilization	1 st & 2 nd Feb, 2018

4	XV Applied Zoologist Research Association (AZRA) and Ethiraj College for Women, Chennai.	International	Recent Advances in Life Science	11 th -13 th Feb, 2016
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CERTIFICATE COURSES /VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1	Govt of India Ministry of Human Resource Development, Teaching Learning Centre, Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malaviya,	“ Managing Online classes and Co-creating MOOCS”	April 20 – May 06, 2020 Two weeks Faculty Development Program

JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/SCIE / WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1	International journal of novel trends in pharmaceutical sciences	UGC	ISSN:2277-2782	Toxic effects of acephate in <i>Poecilia shenops</i> . Volume - 5 Page - 1-6	2015
2	International Journal of Novel Trends in Pharmaceutical Sciences	UGC	ISSN:2277-2782	Molecular modelling and insilico drug docking studies on breast cancer target protein (TNRC9) using cheminformatics software and tools. Volume - 5, Page - 3	2015
3	International Journal of Novel Trends in Pharmaceutical Sciences	UGC	ISSN:2277-2782	Insilico gene expression and protein structure a comparative study on polycystic ovarian syndrome and ovarian cancer in human beings using bioinformatics Volume - 5, Page - 74-83	2015
4	International journal of novel trends in pharmaceutical sciences	UGC	ISSN:2277-2782	Insilico gene expression and drug docking studies on human ovarian cancer disease proteins (GPR68, DIRAS3 and DPH1) using bioinformatics software and	2015

				tools. Volume - 5, Page - 7-16	
5	Journal of Emerging Technologies and Innovative Research.	UGC	2349-5162	A preliminary study to investigate the effect of triphenylphosphahate in the alimentary tract of <i>Catla catla</i> Volume - 6, Page - 1-6	2019
6	International Journal of Life Sciences Research	UGC	2348-3148	The Histology of gills and muscle of Indian major carp, <i>Catlacatla</i> exposed with triphenyl phosphate. Volume – 7, Page - 49-58	2019
7	Ecology Environment and Conservation Copyright @EM International	UGC	ISSN 0971-765X	Studies on the changes in Cholesterol and glucose levels in <i>Catla catla</i> , exposed to triphenyl phosphate (TTP). Volume - 26(2), Page - 820-823	2020
8	IRCF Reptiles and Amphibians conservation and Natural History	IRCF peer reviewed	2332-4961	Observation of Three Species of Captive Keelbacks (<i>Fowlea piscator</i> , <i>Atretium schistosum</i> , and <i>Amphiesma stolatum</i>) (Natricidae) Volume – 27(2) Page - 271-274	2020
9	Journal of University of Shangai for Science and Technology	Scopus	1007-6735	Risk Assessment of Dumped Pollutants and its Ecotoxic Effects on Physiochemical Parameters of water in Ayapakkam Lake, Chennai, Tamilnadu, India , Volume - 23 (1) Page - 236	2021

FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Govt of India Ministry of Human Resource Development, Teaching Learning Centre, Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resource Development Pandit	National	Managing Online classes and Co-creating MOOCS	April 20 th to May 06 th 2020.

	Madan Mohan Malaviya, National Mission on Teachers and Teaching			
2	Loyola College, Chennai	National	MOOCs for Blended Teaching and Learning	6 th and 7 th September 2019.
3	College for and Human Resource Development, AIMS INSIGHT, The HRD group, Mangalore, Karnataka.	National	facilitator Certification in Human Resource Development	15 th August 2008
4	Department of Biochemistry	National	“Recent trends in Molecular Biotechnology”	3 rd & 4 th June, 2020.
5	Post Graduate and Research Department of Zoology, Ethiraj College for Women, Chennai	National	‘A Perspective of Emerging Advances in Life Sciences’ organized by the from	27- 29 July 2020.
6	Post Graduate Department of Journalism and Communication	National	Research funding and publication	26 th to 28 th May, 2020.
7	Department of Physical Education, Ethiraj College for Women	National	Faculty Development Programme on “Rejuvenation of body, mind and soul”	15 th to 19 th June 2020.

WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Department of Zoology, Quaid-e-Millath Government College for Women (Autonomous), Chennai, Tamilnadu, India. on College Name	International	Covid - 19: Awareness and Prevention"	5 th June 2020.
2	PG and Research Department of Commerce, Ethiraj College for Women in collaboration with Wiley and Miles Education	State	“Impact Factor, H index and Google Scholar	16th May 2020.
3	Rajaram College, Kolhapur held on	National	IPR and e- Content Development”.	8 th , 9 th and 10 th of June 2020.
4	Department of Biotechnology, School of Bio and Chemical Engineering, Sathyabama	National	Ornamental Fish culture and Breeding	15 th to 19 th , June 2020

	Institute of Science and Technology, Chennai-600119. Tamil Nadu, India			
5	PG and Research Department of Zoology, Ethiraj College for Women, Chennai on	State	“Unique adaptations of marine molluscs”	30 th June 2020.
6	UGC- Human Resource Development Center, Madurai Kamaraj University, Madurai – 625021,	National	“Research Ethics”	11 th September 2021

AWARDS:

- Received Wonderful Outstanding Women Award for valuable contribution to the society in the field of Education on 08.3.2021 - International Women’s Day from Way Foundation, Registered with World International Organization Committee, World United Nations, BRIT QUALIS, London -UK.
- Received Distinguished Professor Award 2021, for the achievements in the field of Zoology on October 25, 2021, from the Institute of Researchers, Wayanad, Kerela, India. The Research Unit of ISPI, registered with Ministry of MSME, Govt. of India.
- Facilitator Award by College for Leadership and Human Resource Development. AIMS insight, The HRD group, Valencia Circle, Mangalore – 575 002, Karnataka, India.
- Best Paper Presentation in the National Conference Biological and Biotechnological remedies to environmental pollution.
- Selected as Young scientist for the 19th edition of Who’s **Who in the world**, Mariquis Who’s Who Publications, 121 Ahalon road, New Providence, N J 07974 U.S.A.
- Name and research work published in the Dictionary of International Biography, International **Biographical Centre, Cambridge**, 2000 Outstanding Intellectuals of the 21st Century, Publication: 2004. CB2 3QP, England.

Projects

- Toxicological impacts of Lambda –Cyhalothrin on the aquatic organism *Tilapia mossambica*- A Histopathological study.
- Study of ammonia excretion in relation to body weight in *Sarotherodon mossambicus* and *Cirrhina mrigala*.
- Development of bacterial haemorrhagic septicemia in the fingerlings of *Catla catla* experimentally challenged with the bacterium *Aeromonas hydrophila*.

<ul style="list-style-type: none"> • Progress of bacterial haemorrhagic septicemia in <i>Cirrhina mrigala</i>, experimentally with <i>Aeromonas hydrophila</i>.
<ul style="list-style-type: none"> • Toxic effects of Trichloroacetic acid on <i>Poecilia Latipinna</i> – A Biochemical and Histopathological study.
<ul style="list-style-type: none"> • A study on the biochemical analysis of newly formulated fish feed using <i>Arius maculatus</i> (Thunberg 1792) as an experimental animal
<ul style="list-style-type: none"> • In silico gene expression and protein structure – A comparative study on Polycystic ovarian Syndrome and Ovarian cancer in Human beings using Bioinformatics Protocols
<ul style="list-style-type: none"> • Molecular modeling and insilico drug docking studies on Breast cancer target protein (TNRC9) using Cheminformatics software and tools.
<ul style="list-style-type: none"> • Impacts of Carbofuran in the tissues of aquatic organism <i>Poecilia sphenops</i>
<ul style="list-style-type: none"> • Toxic effect of acephate in the tissues of <i>Poecilia sphenops</i>.
<ul style="list-style-type: none"> • Entrepreneurism in ornamental fish culture – Detail study at Kolathur

External Examiner

Madras Christian College, Meenakshi College, Pachiyappas College etc.

<ul style="list-style-type: none"> • Resource Person
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CSI College of Engineering, Affiliate to Anna University, Chennai, Approved by AICTE, New Delhi. Ketti Valley, Ooty, The Nilgiris. Topic “Perspective on Sustainable Bio – Conservation – A role on Environmental Engineers”. On June 2021.
