


FACULTY PROFILE

DEPARTMENT OF ZOOLOGY

I. PERSONAL DETAILS

Name	Dr.M.A.SONIYA	
Designation	Assistant Professor of Zoology	
Qualification	M.Sc.,M.Phil.,M.L.T.,Ph.D.,	
Area of Specialization	Animal Physiology, Immunology, Vermitechnology, Cell Biology, Embryology,	
Mobile No.	9025233772/6383702277	
e-Mail ID	Institutional: m.a.soniya-zoo@emgywomenscollege.ac.in	
	Personal: sfbiomas@gmail.com	

II. EDUCATIONAL QUALIFICATION

S.NO	NAME OF THE DEGREE/DIPLOMA	NAME OF THE INSTITUTION / UNIVERSITY	YEAR OF PASSING
1.	B.Sc ,Zoology	E.M.G.Yadava Women'sCollege, Madurai,	April 2001
2.	M.L.T.Medical Lab Technology	Ultra College, Madurai	Sep 2003
3.	M.Sc ,Zoology	Annamalai University, Chidambaram	April 2006
4.	M.Phil ,Zoology	Yadava College, Madurai	August 2007
5.	Ph.D, Zoology (Part time)	YadavaCollege, Madurai Kamaraj University	March 2017

III. TEACHING EXPERIENCE

S.NO	PREVIOUS TEACHING EXPERIENCE WITH NAME OF THE INSTITUTION	From-To	YEAR OF EXPERIENCE
1.	.Yadava College, Madurai	2008-2013	5 Years

IV. RESEARCH ACCOMPLISHMENTS

CERTIFICATE COURSE/ORIENTATION/REFRESHER/MOOCs/FDP/ TRAINING PROGRAMMES ATTENDED			
S.NO	DATE	NAME OF THE COURSE/PROGRAMME	NAME OF THE INSTITUTION/UNIVERSITY
1.	15.05.2020	e-Content Development Methodology Four Quadrant Model”- FDP	Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi .
2.	15.06.2020		IQAC Cell of E.M.G. Yadava Women’s College, Madurai.
3.	04.12.2020	Enhancing E-Content for Teaching & Learning-Online FDP	IQAC Cell of E.M.G. Yadava Women’s College, Madurai.
4.	25.01.2021 To 27.01.2021	Digital tools for Teaching & Learning-Online FDP	TamilNadu Teacher Education University, Chennai & E.M.G. Yadava Women’s College, Madurai.
5.	07.03.2022 To 11.03.2022	Green campus, Energy and environment management Audits Certificate Course.	Natural science foundation & Nehru Arts & science college

NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, WORKSHOP, CONFERENCE & SYMPOSIUM ATTENDED

S.NO	DATE	TITLE	EVENT NAME	INSTITUTION NAME
1.	20.12.2006	Vermicomposting	one day training	Agricultural College and Research Institute, Madurai.
2.	01.03.2007.	Biotechnology	One Day State Level Seminar- Presented a paper	PG and Reasearch department of Zoology, Yadava College, Madurai
3.	31.08.2009 & 01.09.2009.	Quality Enhancement Strategy- Towards Excellence	National Seminar	Yadava College, Madurai
4.	06.10.2010	Microbial Diversity: Exploring the Unexplored	State Level Intercollegiate Seminar	Department of Zoology and Microbiology, Thiagarajar College, Madurai
5.	22.01.2010 & 23.01.2010	Antimicrobial activity of some miswak and spices against dental caries pathogens.	Presented a paper- National Seminar	Department of Zoology, Annamalai University, Annamalainagar
6.	24.09.2010 & 25.09.2010.	Recent Trends in Biotechnology	Presented a paper in UGC sponsored National Conference	Department of Zoology, E.M.G. Yadava Women's College, Madurai
7.	20.03.2014 & 21.03.2014	Analytical Method and Tools in Biological research	National workshop	Department of Zoology, Annamalai University, Annamalainagar.
8.	31.01.2014	Prevention, diagnosis and treatment of Cancer	State Level Intercollegiate Seminar	Department of Zoology, S.B.K. College, Aruppukottai.
9.	20.02.2015 & 21.02.2015	An Approach For Pollution Control Through Vermitechnology” in the WaSH 2015	Presented a paper in National Conference	E.M.G. Yadava Women's College, Tamil Nadu.

10.	15.12.15 To 17.12.15	Techniques in Biotechnology	Three days Workshop	Department of Biotechnology, Kamaraj College of Engineering and technology, Virudhunagar.
11.	28.09.2015 & 29.09.2015.	Recycle and Reuse of Agro industrial wastes through Vermitechnology	Presented a paper in National Conference	Department of Biotechnology, M.S.University
12.	29.07.2017	Research Projects , Funding Agencies And E-Resources	A National Level Workshop	Department of Zoology, SaivaBhanu Kshatriya College, Aruppukottai Sponsored By Indian Academic Researchers Association ,Trichy.
13.	25.09.2017	e-Learning and MOOCs in Higher Education and New Roles of Teachers	awareness seminar	E.M.G.Yadava Women's College, Tamil Nadu.
14.	08.02.2019	Man-Animal Conflict	Intercollegiate Meet	PG & Research Department of Zoology ,Yadava College, Madurai.
15.	12.02.2019.	Threats and Conservation of Coral Reefs	Presented a poster in a National Conference	PG and Research department of Zoology, The American College, Madurai
16.	20.07.2019	Quality Enhancement and Sustenance in Higher Education:Challenges and Opportunities	National Seminar	Internal Quality Assurance Cell,, SaivaBhanu Kshatriya College, Aruppukottai.
17.	26.07.2019.	Awareness on Intellectual Property Rights	TamilNadu State Council for Science and Technology sponsored Workshop	Fatima College(Autonomous),Madurai
18.	22.05.2020 To 24.05.2020	Teaching skills and school Internship program	Three day online National level workshop	Sahadev Chandravansi B.Ed College,Jharkhand
19.	14.05.2020 &	Towards effective teaching and learning	Webinar	P.K.N Arts & Science college

	15.05.2020			
20.	22.05.2020	Biodiversity	Webinar	Mannar Thirumalai Naickar College
21.	22.05.2020	Biodiversity	International seminar	The American College
22.	28.05.2020	Improving the visibility of Research work	Webinar	Poompuhar College, Melaiyur
23.	05.06.2020	Stem Cell Therapy	National level Webinar	SLS MAVMM Ayira Vaisyar College, Madurai
24.	08.06.2020	Education and Career counselling for Life sciences	National webinar	School of Sciences, VISTAS, Pallavaram, Chennai
25.	11.06.2020 & 12.06.2020	Research Avenues in Biochemistry	International webinar	The American College, Madurai
26.	12.06.2020	Traditional Medicine-A boon for healthy living.	National webinar	Bharathi Women's College, Chennai
27.	14.09.2020	National Webinar On Introduction to the World of Butterfly	Webinar	Green Club , The American College, Madurai
28.	07.03.2022 To 11.03.2022	Green Campus, Energy and Environment Management Audits	Certificate Course	Jointly organized by Nature Science Foundation & Nehru Arts & Science College, Coimbatore.

NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, WORKSHOP, CONFERENCE & SYMPOSIUM PRESENTED

S.NO	DATE	TITLE	EVENT NAME	INSTITUTION NAME
1.	01.03.2007	Biotechnology	One Day State Level Seminar	PG and Research department of Zoology, Yadava College, Madurai
2.	22.01.2010 & 23.01.2010	“Antimicrobial activity of some miswak and spices against dental caries pathogens”	National Seminar	Department of Zoology, Annamalai University, Annamalinagar.

3.	24.09.2010 & 25.09.2010	“Recent Trends in Biotechnology”	UGC sponsored National Conference	Department of Zoology, E.M.G. Yadava Women’s College, Madurai
4.	20.02.2015 & 21.02.2015	“An Approach For Pollution Control Through Vermitechnology”	National Conference WaSH 2015	Department of Zoology, E.M.G. Yadava Women’s College, Madurai
5..	28.09.2015 & 29.09.2015	“Recycle and Reuse of Agro industrial wastes through Vermitechnology ”	Inter National Conference	Department of Biotechnology, M.S. University
6.	12.02.2019.	“Threats and Conservation of Coral Reefs”	Poster Presentation in a National Conference	PG and Research department of Zoology, The American College

NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, WORKSHOP, CONFERENCE & SYMPOSIUM ORGANISED

S.NO	DATE	TITLE	EVENT NAME
1.	13.06.2020	Event Organizer for “ Climate Change and Forestry “	National Webinar
2.	26.08.2020 To 30.08.2020	Convener for Sustenance of Agriculture through Vermitechnology	Short Term Certificate course
3.	23.03.2021	Coordinator for Plant sapling and vermicompost distribution	Eco initiatives under Eco Club
4.	02.12.2021	Coordinator for Water Pollution –Present Scenario	National pollution control day celebration
5.	21.03.2022	Coordinator for Tree plantation & Sale of Tree saplings	World forest day celebration
6.	22.03.2022	Coordinator for Ground water, Making the invisible, Visible	World water day celebration – Webinar & inter collegiate events

ARTICLES PUBLISHED IN JOURNALS / MAGAZINES

S.NO	TITLE WITH (DOI)	NAME OF THE JOURNAL/ MAGAZINE	NATIONAL/ INTERNATIONAL	IMPACT FACTOR	SCOPUS	CITATION INDEX	h-index	VOLUME, ISSUE, MONTH & YEAR
1.	Efficiency of Perionyx excavatus (Perrier) In Litter (Anacardium occidentale.) Decomposition and Nutrient Minerlalization.	Int.J.Modn.Res.	International	-	-	-	-	2347-8314.Revs. Vol.2,Issue 10,pp453-458, Oct,2014.I SSN. (Oct-2014)
2.	Standardization of Agri industrial wastes for vermicomposting practices .	Int.J.Modn.Res. Revs.	International	-	-	-	-	Vol.3, Issue5, Pp663-668, May,2015. ISSN:2347-8314. May 2015

PUBLICATION OF BOOK/ BOOK CHAPTERS / MONOGRAPH / PAPERS PUBLISHED IN CONFERENCE/ PROCEEDINGS

S.NO	TITLE OF THE BOOK/ CHAPTERS/ PROCEEDINGS	TITLE OF THE PAPER	NATIONAL/ INTERNATIONAL	PUBLISHER DETAILS	ISBN/ISSN OF THE PROCEEDINGS	YEAR
1	Book Title -“Earthworm Resources Waste Management Pharmacology and Organic Farming”	Monograph titled “Influence of vermicompost on the growth,yield and quality of chilli (Capsicum annumL.)	International	Scholars’ Press, International book market service ltd., Mauritius.	ISBN:978-613-8-83972-9	2019

2.	Book Title – “Entrepreneurship in Higher Education”	Monograph in – “Inculcating Entrepreneurial Skills to Women Through Zoology”	-	PCF Publications, Pandiyana du Cultural Foundation, Madurai	ISBN:978-93- 92560-13-2	2021
----	--	---	---	--	----------------------------	------

LEADERSHIP/TEAM WORKING SKILLS

S.NO	CELL/CLUB/COMMITTEE/ASSOCIATION	POSITIONS HELD (NODAL, COORDINATOR/ASSISTANT COORDINATOR / MEMBER)	DURATION MONTH/YEAR
1.	SSO	Served as Students Service Officer	2015 to 2017.
2.	Alumnae Association	Coordinator	2019 to till date
3.	UGC Schemes	Advisor	2020 to till date
4.	Eco club	Coordinator	June 2019 to till date

V. INNOVATIVE TEACHING SKILLS

ICT ENABLED TEACHING METHODS

S.NO	
1.	Power point presentation (LCD)
2.	Over Head Projector
3.	Online teaching method- Google Meet

e- CONTENT DEVELOPED				
S.NO	DATE	TITLE	SOCIAL NETWORK (YouTube, Slideshare, Blog, MOOCs, Others)	LINK
1.	29.09.2019	Coral And Coral Reefs	A PPT was uploaded in slide share account	https://www.slideshare.net/SoniyaMutharasu/corals-and-coral-reefs-177472250 .
2.	12.05. 2020	Amoebiasis	A PPT was uploaded in slide share account	https://www.slideshare.net/SoniyaMutharasu/amoebiasis-233701046
3.	05.10.2020	Glycolysis- a simple explanation	lecture uploaded in you tube	https://youtu.be/-A6jxougLDU

COLLABORATIVE ACTIVITIES IN OTHER INSTITUTION – EXTENSION/ CONSULTANCY			
S.NO	DATE	TITLE	NAME OF THE INSTITUTE/CORPORATE/ ADOPTED VILLAGE
1.	19.03.2020	Extension programme	IX standard students from Sri. Gopalakrishna Kone, Higher Secondary School, Siruthur, Madurai
2.	03.03.2021	Consultancy Program	The staff members of Sri Gopala Krishna Higher Secondary School, Sridhur, Madurai
3.	27.02.2022	Consultancy Program	Primary Health Centre , Kallanthiri, Madurai

VI. COMPUTER SKILLS

COMPUTER LANGUAGE/TECHNICAL SKILLS	
S.NO	
1.	Ms Word in MS Office
2.	Ms Excel in MS Office
3.	Ms Power point in MS Office

VII. LANGUAGE PROFICIENCY

S.NO	LANGUAGE	SPEAK	READ	WRITE
1.	Tamil	✓	✓	✓
2.	English	✓	✓	✓