

Name	Sr. Dr. C. Shibana
Qualification	M.Sc.,B.Ed., M.Phil.,Ph.D.,
Designation	Associate Professor and Secretary
Year of Joining	05.10.2007
Specialization	Marine Biotechnology
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Seminars/Workshops/FDP/ Conferences:

Workshop/ Seminar/ FDP	Type	Paper Presented/ Participate d	Title of the Paper	Organized By	Date
Interdisciplinary Research	National Seminar	Participated		P.G. and Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi sponsored by the Department of Biotechnology, Ministry of Science and Technology, New Delhi	18-Sep-2024
Recent Trends in Life Sciences	Conference	Participated		PG and Research Department of Zoology, St. Mary's College, (Autonomous) Thoothukudi	17-Mar-2023 to 18-Mar-2023
Recent Trends in Biodiversity Conservation	Conference	Participated		Department of Zoology, Periyar Arts College, Cuddalore	12-Apr-2023
Life skills and Wellness during Pandemic	FDP	Participated		AMET Deemed University	05-Jul-2021 to 11-Jul-2021
Research Writing and Publication	Webinar	Participated		Sadakathullah Appa College (Autonomous) Tirunelveli	30-Jun-2021
Academic visibility in the Digital World	National Webinar	Participated		Department of Library, St.Mary's College (Autonomous), Thoothukudi	12-Feb-2021

Vaccine Development and Production	Webinar	Participated		Department of Microbiology, St.Mary's College (Autonomous), Thoothukudi	06-Feb-2021
International webinar on Marine Biology	Webinar	Participated		Department of Zoology	11-Aug-2020
Re-reading Keats Psychoanalytically	Webinar	Participated		St.Mary's College (Autonomous) Department of English SSC	27-May-2020
Manage stress before stress manages you	Webinar	Participated		St.Mary's College (Autonomous) Department of English SSC	27-May-2020
Ladies club-Webinar	Webinar	Participated		American College-Madurai	27-May-2020
Influence on climate change on biodiversity resources	Webinar	Participated		VOC Thoothukudi Department of Botany	26-May-2020
Novel insights on rapid diagnostic methods and drug discovery for covid 19	Webinar	Participated		Sadkathullah appa College	20-May-2020
Mind your minds during lockdown Webinar	Webinar	Participated		VOC College	20-May-2020
Effects of teaching and learning methodologies	Webinar	Participated		Department of Commerce Kamaraj College,Thoothukudi.	18-May-2020-25-May-2020
Bioinformatics in microbiome research and climate biomass in India	Webinar	Participated		St.Mary's College (Autonomous) PG Department of Chemistry	17-May-2020

FDP in innovation to academicians	online FDP	Participated		Ramachandra College of Engineering	11-May-2020-16-May-2020
Mental health and psychosocial consideration during lockdown	Webinar	Participated		St.Mary's College(Autonomous)	13-May-2020-14-May-2020
Digital Class Room	Webinar	Participated		Sri Sarada College of Education-Salem	11-May-2020
Web development in Ruby on rails	Webinar	Participated		Karpaga Vinayaga College of Education-Padalam	03-May-2020
A 10 day free online workshop for teachers		Participated		Universal Teachers Academy	21-Apr-2020-30-Apr-2020
PHP web design and development	Webinar	Participated		Karpaga Vinayaga College of Education-Padalam	28-Apr-2020
A 10 day free online workshop for teachers	Online workshop	Participated		Universal Teachers Academy	03-Apr-2020-12-Apr-2020
E - Content Processing and Development	Workshop	Attended		St.Mary's College, Thoothukudi	18.03.2019-22.03.2019
Marine Resources Including Mangroves- A Promising Future	National Seminar	Presented		Annamalai University Parangipettai	11.03.2019
Awareness on Current Scenario of Biodiversity and The Biodiversity Act, 2002	National seminar	Participated		Islamiah College (Autonomous) Vaniyambadi	27.02.2019-28.02.2019

Insight into promotion criteria-API Score and CAS filing.	State level seminar	Participated		IQAC, V.V.V. College for Women, Virdhunagar	20.02.2019
Wonderful world of Oceans:Emerging trends and implications	International Seminar	Participated		Department of Zoology,St.Mary's College,Thoothukudi	12.02.2019
Orientation Programme		Attended		Bharadhidasan,university	08.11.2018-05.12.2018
Self Psychology for Life	National	Participated		Lumen Institute,Tindivanam,	02-06.10.2018
An approach to applied Life Sciences	International	Participated		St.Mary'sCollege,Thoothukudi	30.08.2018
Data Analytics Using SPSS		Participated		St.Mary'sCollege,Thoothukudi	24-25.08.2018
Fostering Transparency;Routing out Plagiarism A to z		Participated		St.Mary's College,Thoothukudi	20.07.2018
Recent Trends in Multidisciplinary Research	International conference	Presented	Antibacterial activity of Portunus pelagicus from three stations of Gulf of Mannar coast	VOC,Thoothukudi	19-20.04.2018
Modern Enhancement in Life Science	National	Presented	Analysis of Antioxidant activity of Portunus pelagicus from southeastern coast, India	Syed Hameedha Arts and Science College,Kilakarai	16.03.2018

Recent trends in Biosciences	National	Presented	Anticancer activity of Portunus pelagicus from southeastern coast, India	Biozone Research technology and DSIR Chennai	26-27.02.2018
Teaching Excellence – Senior award		Awarded		Biozone research Technologies Pvt. Ltd	27.02.2018
E-Waste Hazards and Management		Participated		Centre for Eco Feminine Excellence. St. Mary's College, Autonomous, Thoothukudi	9.03.2017
Refresher course in Life Science		Attended		Bharathiar University, Coimbatore	25.07.2017
Corrosion Awareness Day		Participated		CSIR and National Corrosion Council of India, Karaikudi and St. Mary's College, Thoothukudi	06.04.2017
“Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics”	National/	Participated		IQAC St. Mary's College, Thoothukudi	27.01.2017-28.01.2017
“Algal Biotechnology: An Ecofriendly Solution for Food, Fuel and Health (INSAB-2016)”	National	Participated		Research Centre for Plant Sciences Department of Botany, St. Mary's College, Thoothukudi	14.10.2016
Hands on Training on DNA Barcoding- Molecular Analysis and Bioinformatics Approaches	International			Islamiah College (Autonomous) Vaniyambadi.	7.09.2016 – 10.09.2016
Marine Bioresources :		Participated		Dept. of Zoology St. Mary's college Thoothukudi	11.02.2016-12.02.2016

Prospects and Threats					
Marine Bioresources : Prospects and Threats	National	Presented	Analgesic and antipyretic activities of <i>Turbinella pyrum</i> (L.1758) from Thoothukudi coast.	St.Mary's College Thoothukudi	11.02.2016 & 12.02.2016
Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	National	Participated		IQAC St. Mary's College Thoothukud	07.01.2016-08.01.2016
New Education Policy	National	Participated		Loyola College of education, Chennai	29.11.2015
Ornamental fish culture and management		Participated		Dept. of Zoology St.Mary's college	02.09.2015
Current Advances in Immunology Research		Participated		Dept. of Zoology Central Marine Institute Parangipettai	07.08.2015 to 08.08.2015
Bioprospecting, Conservation and Sustainable use of Marine Resources		Participated		Dept. of Botany St.Mary's college	13.03.2015
Solar Energy	National	Participated		Dept.of Physics St.Mary's College Thoothukudi	11.02.2015
Library without walls		Participated		Dept. of. Library, St. Mary's College, Thoothukudi	20.09.2014
“ E- Resources – A must in today's scholarly world”		Participated		Dept. of. Library, St. Mary's College, Thoothukudi	19-10-2012
“Fabrication and maintenance of Aquarium”		Participated		Dept. of. Zoology, St. Mary's College, Thoothukudi	18-10-2012
		Presented	Quality analysis	Dept.of Adv. Zoology and Biotechnology.	15-01-2011

			of Sardines from Therespu ram landing centre, Thoothukudi Coast	St. Mary's College, Tuticorin.	To 16-01-2011
The use of Alternatives to animals in Life Science Education	National Level	Participated		The M.D.T. Hindu College Tirunelveli	05.01.2011
Managing your finances and investments during pandemic and current economic meltdown	Webinar	Participated		St.Mary's College(Autonomous) Dept of Commerce	

Papers Published

Paper Title	Author(s)	Journal	Year	Vol	Issue	Page No.
Antibacterial activity of Crab <i>Portunus pelagicus</i> from three stations of Gulf of Mannar coast.	C.Shibana, R.D.Thilaga & J.Esther Mereen	International Journal of Recent Research Aspects	2018			723-726
Biochemical composition of the marine crab <i>Portunus pelagicus</i> from Gulf of Mannar.	C.Shibana, P.Subavathy & R.D.Thilaga	International journal of scientific research and Review	2018	7	11	318-337
Assessment of antipyretic activity of the marine gastropod <i>Babylonia spirata</i>	A.BavaniSaraswathy, RD.Thilaga, S.Jeya Ruby and C.Shibana	International Journal of Current Research	2017	9	2	pp.46476-46478, IF 7.086 Index Copernicus 6.24

Antioxidant activities of aqueous and methanolic extracts of the crab	Sr.C. Shibana ,R.D. Thilaga,Jemma HermelinJesy Diaz and T.Esther Elsie	World Journal of Pharmaceutic al Sciences	2017	Vol .6(2)		8000-8004
Antimicrobial activities of the shell of the crab Portunus pelagicus (Linnaeus,1758) from Thoothukudi Coast .	Sr.C.Shibana	International Journal of Current Research.	2017	Vol .9(2)IF 7.0 86		
Physico Chemical parametrs of drinking water from three different stations of Thoothukudi district	Sr.C.Shibana , R.D.Thilagaan d S.Durga Devi	World Journal of Pharmaceutic al Sciences	2017	6	6	ISSN2278-4357
Investigation of heavy metal accumulation in water, sediment and some body parts of crab scyllaserrata from thoothukudi and punnaikayal coast	C.Shibana A.B avaniSaraswat hy, and ES.MariaKevi na	Marian Quest	2017			
Screening of marine gastropod <i>Cypraea arabica</i> for antibacterial and antifungal activity	P.Subavathy RD.Thilaga C.Shibana	International Journal of Current Research	2015	7	9	20001 I.F:5.43

A study on antimicrobial activity of the internal shell of <i>L.duvauceli</i> and <i>S.pharaonis</i> from Thoothukudi coastal region.	JemmaHermelin Jesy Diaz, Thilaga R.D and C. Shibana	International Journal of Current Research	2015	No. 7 (11)	ISSN O. 0975-833X	PP.22299-22302
Screening of marine gastropod <i>Cypraea Arabica</i> for antibacterial and antifungal activity.		International Journal of Current Research	2015	Vol .7, Issue 09	Google scholar Indian citation indexed	PP-19995-20001

Award Received

Date	Name of the Institution	Award	Topic/Event
27.02.2018	Biozone research Technologies Pvt.Ltd	Teaching Excellence –Senior	Paper Presentation on Anticancer activity of <i>Portunus pelagicus</i> from south eastern coast, India

As a Resource Person

Date	Name of the Institution	Invited as	Topic/Event
12.03.2014	St.Aloysius Girls Hr.Sec.School, Thoothukudi.	Chief Guest	Sports Day.
10.05.2017	St.Theresa Middle School, Alanthalai.	Chief Guest	Alumnae Day
10.03.2018	Primary School, Sippikulam	Chief Guest	Motivational Speech
12.08.2018	Child Jesus Girl's Hr.Sec School, Palayamkottai	Animator	Retreat

PROPOSALS SUBMITTED

Name of the staff	Funding agency	Applied for
Dr.C.Shibana	Tamilnadu State Council for Higher education (FAC)	Minor Research Project Proposal.

FUND RECEIVED

Name of the staff	Funding agency	Amount Sanctioned
Dr.Sr.C Shibana	TNSCST	1,00,000

BOOK PUBLISHED

Name of the Authors	Book Title	Chapter Title	Publisher	Year	ISBN
C. Shibana	Environmental Studies		Archers & Elevators Publishing House	2019	978-93-88805-96-4
C. Shibana	Research Methodology		Multispectrum Publications, Kanyakumari	2022	978-93-94428-09-6
J. Shoba, C. Shibana and A. Antony Annammal	Contemporary Trends in Chemical, Pharmaceutical and Life Sciences - Volume V	Larvicidal and Ovicidal Activities of the Essential Oils Against <i>Aedes aegypti</i>	Bhumi Publishing, India	2025	978-93-48620-08-8

Patent

- Published a patent on “A Method of Preparation of Titanium Coated Graphite Carbon Nanotube (CNT) Acrylonitrile-Butadiene-St” – Application Number: 202341072898 on 15.12.2023.

Genbank Accession number from NCBI

1. Kanyakumari sample – KT159797
2. Thoothukudi - KT159798
3. Rameshwaram - KT159799

Responsibilities Held :

- ❖ Secretary of the College (2022 - till date)
- ❖ Director of self supporting courses for three years (2012-2015)
- ❖ Vocation promotion Counsellor of Marianatchathira Province
- ❖ Handling U.G and P.G projects
- ❖ Guiding and supporting students through tutor-ward system
- ❖ Helping students to develop personal and social responsibility
- ❖ Encouraging students to become helpful technology resources to other students.
- ❖ Encouraging active learning and group participation in the class room, thereby helping students to become productive and successful citizen.
- ❖ Initiating students to participate in seminars and workshops
- ❖ Following new methods and innovations in teaching
- ❖ Participated in seminars and refresher courses.
- ❖ Presenting papers in seminars
- ❖ Encouraging students for Online- Assignments
- ❖ Worked as a member of campus ministry
- ❖ Dedicated service as bursar
- ❖ Worked as a member of finance committee
- ❖ Rendered service in community development programme
- ❖ Worked as a member of dance committee
- ❖ Working as AICUF advisor.

- ❖ Vice Principal of the College (2011-2013)
- ❖ Incharge for FSS
- ❖ Assistant Warden for Hostel (2013)
- ❖ Member of Academic Audit Committee
- ❖ Member of Admission Committee
- ❖ Member of Academic Council
- ❖ Member of College Council
- ❖ Member of Awards committee
- ❖ Question setter
- ❖ Assistant Director of Service for Excellence
- ❖ Co-Ordinator of Service for excellence (2018-2019)
- ❖ Member of Research advisory Committee (2018-2019)
- ❖ Co-Ordinator of Centre for Entrepreneurship and skill Excellence
- ❖ Member of Admission Committee(2018-2019)
- ❖ Deputy principal from 2019 to 2021
- ❖ Vice President of Institutional Innovation Council