

Name	Dr. Sr. C. Shibana
Qualification	M.Sc., B.Ed., M.Phil., Ph.D.,
Designation	Assistant Professor
Year of Joining	05.10.2007
Specialization	Marine Biotechnology
Email id	cshibana@gmail.com
Mobile No.	9952294082



Academic Qualifications:

Degree of Examination	Name of the school/College/University	Date of Entry	Date of Exit	Subject	Class or Division Average Marks of Grade
Ph.D	Manonmaniam Sundaranar University	2012	2017	Zoology	Awarded
M.Phil	Bharadhidasan University	2005	2006	Zoology	Distinction
B.Ed	Stella Matituna College of Education –Chennai Madras University	2000	2001	Zoology	I Class
M.Sc	St.Mary's College, M.S. University	1998	2000	Zoology	I Class
B.Sc	St.Mary's College M.S. University	1993	1996	Zoology	I Class

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Seminars/Workshops/FDP/ Conferences:

Date	Paper Presented/ Participated	Type	Organized By	Workshop / Seminar/ FDP/Webinar
12.04.2023	Participated	Recent Trends in Biodiversity Conservation	Department of Zoology, Periyar Arts College, Cuddalore	Conference
17.03.2023 18.03.2023	Participated	Recent Trends in Life Sciences	PG and Research Department of Zoology, St. Mary's College,(Autonomous) Thoothukudi	Conference
	Participated	Managing your finances and investments during pandemic and current economic meltdown	Dept of Commerce St.Mary's College (Autonomous)	Webinar
07.07.2021- 13.07.2021	Participated	Role of a leader in Entrepreneurship	Yogi Vemana University Kadapa	FDP
05.07.2021- 11.07.2021	Participated	Life skills and Wellness during pandemic	AMET Deemed University	FDP
04.07.2021	Participated	Recent Advances in Shrimp farming with special reference to Pacific White Shrimp Litopenaeus vannamei	Pachaiyappa's Collge, Chennai	Webinar
03.07.2021	Participated	International Plastic Bag Free Day	A.V.college of Arts and Sceince, Hyderabad	Webinar
30.06.2021	Participated	Research Writing And Publication	SadakathullahAppa College (Autonomous) Tirunelveli	Webinar
29.06.2021	Participated	Current Trends in Biostatistics	Nesamani Memorial christianCollege, Marthandam	Webinar

21.06.2021 - 22.06.2021	Participated	Enhancing Women Empowerment through entrepreneurship	International School of the Technology and Sciences for Women, Delhi	Webinar
21.06.2021 - 22.06.2021	Participated	Intellectual PropertyRights	TNSCST and Research and Development cell G.T.N Arts College, Dindigul	FDP

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14.06.2021-19.06.2021	Participated	Digital skills for smart teaching	Don Bosco college, Manipur	FDP
17.06.2021	Participated	School 360* Protection-Short term COVID Awareness Training	Dr.M.G.R Educational and Research institute-Chennai	Webinar
09.06.2021-15.06.2021	Participated	GST and its implication on business	SIVET College,Chennai	FDP
14.06.2021	Participated	Descriptive And Inferential Statistics For Social Science Research	The Quaide Milleth College for Men	Webinar
07.06.2021-13.06.2021	Participated	Virtual Practices And Security	Tamil Nadu Teachers Education University, Chennai	Webinar
07.06.2021-13.06.2021	Participated	Virtual Practices And Security	Tamil Nadu Teachers Education University, Chennai	FDP
08.06.2021	Participated	Ocean Technologies in India	Sree Narayana College, Kollam and Ocean Society of India- Cochin	Webinar
08.06.2021	Participated	Benthic productivity in Ocean Hotspot	Nesamani Memorial christianCollege, Marthandam	Webinar
07.06.2021	Participated	Complex Diseases: Yoga in Health Promotion and Management'	Sree Narayana College, Kollam and Ocean Society of India- Cochin	Webinar
05.06.2021	Participated	Environmental Impact Assessment and Updation -	Sri Sarada College For Women Trinelvei	Webinar
03.06.2021 - 04.06.2021	Participated	Career Education – Decide your path during this Quarantine”	Sri Vidhya College of Arts and Science, viruthunager	Webinar
04.06.2021	Participated	Digital Marketing Strategies and E-Advertising”	B.A.M Khalsa,garhshankar,C handigarh	Webinar
04.06.2021	Participated	World Environment Day	AyyanadarjanakiAmmal College, Sivakasi	Webinar

02.06.2021	Participated	Health campaign on diabetes Silent Killer	Youth Red Cross	Webinar
26.05.2021-30.05.2021	Participated	Graphics Design	DBT,St.Mary's College(Autonomous) Thoothukudi	FDP
28.05.2021	Participated	Smart E-Quiz Program	MannarThirumalai Naicker College (Autonomous), Pasumalai, Madurai	Webinar
26.05.2021	Participated	Biodiversity: Life Insurance for Our Changing World		Webinar
24.05.2021-06.06.2021	Participated	Pedegagy and research methods	AMET Deemed University	FDP
22.05.2021	Participated	Well Being Amidst Covid- 19	NCC Unit -St.Mary's College (Autonomous)	Webinar
17.05.2021-21.05.2021	Participated	Teaching Redefined for Gen Z'	Department of Educational PsychologyTamil Nadu Teachers Education University, Chennai & Internal Quality Assurance Cell, Stella Matutina College of Education (Autonomous), Chennai	FDP
20.05.2021	Participated	Declining Bees: Due to Our Ignorance	Nature club of rajapalayamraju's College and wildlife	Webinar
19.05.2021	Participated	Covid 19 Variants - Health and Safety	Department of Microbiology St.mary's college(Autonomous) Thoothukudi	Webinar
06.05.2021-11.05.2021	Participated	Computational Biology	DBT and Zoology St.Mary's College(Autonomous) Thoothukudi and Rani Anna College, Trinelvei	FDP

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11.08.2020	Participated	International webinar on Marine Biology	Department of Zoology	Webinar
27.05.2020	Participated	Manage stress before stress manages you	Department of English SSC St.Mary's College (Autonomous)	Webinar
27.05.2020	Participated	Ladies club- Webinar	American College- Madurai	Webinar
27.05.2020	Participated	Re-reading Keats Psychoanalytically	Department of English SSC St.Mary's College (Autonomous)	Webinar
26.05.2020	Participated	Influence on climate change on biodiversity resources	VOC Thoothukudi Department of Botany	Webinar
20.05.2020	Participated	Mind your minds during lockdown Webinar	VOC College	Webinar
20.05.2020	Participated	Novel insights on rapid diagnostic methods and drug discovery for covid 19	Sadkathullahappa College	Webinar
18.05.2020 - 25.05.2020	Participated	Effects of teaching and learning methodologies	Department of Commerce Kamaraj College, Thoothukudi.	Webinar
17.05.2020	Participated	Bioinformatics in microbiome research and climate biomass in India	PG Department of Chemistry St.Mary's College (Autonomous)	Webinar
13.05.2020 – 14.05.2020	Participated	Mental health and psychosocial consideration during lockdown	St.Mary's College(Autonomous) Thoothukudi	Webinar
11.05.2020 – 16.05.2020	Participated	FDP in innovation to academicians	Ramachandra College of Engineering	FDP
11.05.2020	Participated	Digital Class Room	Sri Sarada College of Education-Salem	Webinar

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03.05.2020	Participated	Web development in Ruby on rails	Karpaga Vinayaga College of Education-Padalam	Webinar
21.04.2020 - 30.04.2020	Participated	A 10 day free online workshop for teachers	Universal Teachers Academy	Online Workshop
28.04.2020	Participated	PHP web design and development	Karpaga Vinayaga College of Education-Padalam	Webinar
03.04.2020 - 12.04.2020	Participated	A 10 day free online workshop for teachers	Universal Teachers Academy	Online Workshop
18.03.2019- 22.03.2019	Participated	E - Content Processing and Development	St.Mary's College, Thoothukudi	Workshop
11.03.2019	Participated	Marine Resources Including Mangroves- A Promising Future	Annamalai University Parangipettai	Seminar
27.02.2019- 28.02.2019	Participated	Awareness on Current Scenario of Biodiversity and The Biodiversity Act, 2002	Islamiah College (Autonomous) Vaniyambadi	Seminar
20.02.2019	Participated	Insight into promotion criteria-API Score and CAS filing.	IQAC, V.V.V. College for Women, Virdhunagar	Seminar
12.02.2019	Participated	Wonderful world of Oceans:Emerging trends and implications	Department of Zoology, St.Mary's College, Thoothukudi	Seminar
08.11.2018- 05.12.2018	Participated	Orientation Programme	Bharadhidasan, University	Orientation Course
02.10.2018 - 06.10.2018	Participated	Self Psychology for Life	Lumen Institute, Tirvandrum,	Workshop
30.08.2018	Participated	An approach to applied Life Sciences	St.Mary's College, Thoothukudi	Seminar

24.08.2018 - 25.08.2018	Participated	Data Analytics Using SPSS	St.Mary's College, Thoothukudi	Hand on training
20.07.2018	Participated	Fostering Transparency; Routing out Plagiarism A to z	St.Mary's College, Thoothukudi	Seminar
19.04.2018 - 20.04.2018	Presented	Antibacterial activity of Portunuspelagicus from three stations of Gulf of Mannar coast	VOC, Thoothukudi	Conference, Recent Trends in Multidisciplinary Research
16.03.2018	Presented	Analysis of Antioxidant activity of Portunuspelagicus from southeastern coast India	Syed Hameedha Arts and Science College, Kilakarai	Seminar, Modern Enhancement in Life Science
26.02.2018 - 27.02.2018	Presented	Anticancer activity of Portunuspelagicus from southeastern coast India	Biozone Research technology and DSIR Chennai	Seminar, Recent trends in Biosciences
25.07.2017	Participated	Refresher course in Life Science	Bharathiar University, Coimbatore	Refresher Course
06.04.2017	Participated	Corrosion Awareness Day	CSIR and National Corrosion Council of India, Karaikudi and St.Mary's College, Thoothukudi	Seminar
09.03.2017	Participated	E-Waste Hazards and Management	Centre for Eco Feminine Excellence. St. Mary's College, Autonomous, Thoothukudi	Seminar
27.01.2017 - 28.01.2017	Participated	Cosmic Concerns: An interdisciplinary Dialogue in Applied Ethics	IQAC St.Mary's College, Thoothukudi	Seminar

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14.10.2016	Participated	Algal Biotechnology: An Ecofriendly Solution for Food, Fuel and Health (INSAB-2016)	Research Centre for Plant Sciences Department of Botany, St. Mary's College, Thoothukudi	Seminar
07.09.2016 - 10.09.2016	Participated	Hands on Training on DNA Barcoding- Molecular Analysis and Bioinformatics Approaches	Islamiah College (Autonomous) Vaniyambadi	Seminar
11.02.2016- 12.02.2016	Participated	Marine Bioresources : Prospects and Threats	Dept. of Zoology St.Mary's college Thoothukudi	Seminar
11.02.2016 - 12.02.2016	Presented	Analgesic and antipyretic activities of Turbinellapyrum (L.1758) from Thoothukudi coast.	St.Mary's College Thoothukudi	Seminar, Marine Bioresources : Prospects and Threats
07.01.2016- 08.01.2016	Participated	Quality Enhancement in Higher Education: Teaching, Learning and Evaluation	IQAC St. Mary's College Thoothukud	Seminar
29.11.2015	Participated	New Education Policy	Loyola College of education, Chennai	Seminar
02.09.2015	Participated	Ornamental fish culture and management	Dept. of Zoology St.Mary's college	Seminar
07.08.2015 - 08.08.2015	Participated	Current Advances in Immunology Research	Dept. of Zoology Central Marine Institute Parangipettai	Seminar
13.03.2015	Participated	Bioprospecting, Conservation and Sustainable use of Marine Resources	Dept. of Botany St.Mary's college	Seminar
11.02.2015	Participated	Solar Energy	Dept.of Physics St.Mary's College Thoothukudi	Seminar
10-12-2014 - 12-12.2014	Participated	Identification of bioactive compounds and antibacterial activity of marine	V.O.C College, Thoothukudi	Seminar

		gastropod <i>Conus achatinus</i> (Gmelin, 1791)			
20.09.2014	Participated	Library without walls	Dept. of. Library, St. Mary's College, Thoothukudi	Seminar	
19.10.2012	Participated	E- Resources – A must in today's scholarly world	Dept. of. Library, St. Mary's College, Thoothukudi	Seminar	
18.10.2012	Participated	Fabrication and maintenance of Aquarium	Dept. of. Zoology, St. Mary's College, Thoothukudi	Seminar	
15.01.2011-16.01.2011	Presented	Quality analysis of Sardines from Therespuram landing centre, Thoothukudi Coast	Dept. of Adv. Zoology and Biotechnology. St. Mary's College, Tuticorin.	Seminar	
05.01.2011	Participated	The use of Alternatives to animals in Life Science Education	The M.D.T. Hidu College Tirunelveli	Seminar	National

Papers Published

Paper Title	Author(s)	Journal	Year	Vol	Issue	Page No.
Growth, computation-structure-elucidation, anti-diabetic use of 1,4-Bis(2-Nitrobenzyl) piperazine (BNBPP) macro, nano crystals	C. Shibana, P. Subavathy, K. Senthil Kannan, B.Ramprasath, R.Ranadevan, G. Flora, K.R. Aranganayagam and R. Krishnaveni	AIP Conference Proceedings	2022	2446	100025	1-6

Antioxidant Potential of Marine Crab <i>Portunus pelagicus</i> from Gulf of Mannar, Southeast Coast	C. Shibana and P.Subavathy	International Journal of Pharmaceutical Sciences and Research	2021	12	12	6582-6586
Anticancer Activity of Turbo brunneus, Cypraea annulus and Babylonia spirata on MCF-7 Cell Line	C.Shibana, P.Subavathy	Asian Journal of Biological and Life Sciences, Web of Science	2021	10	1	118-122
Determination of genetic diversity in PORTUNUS PELAGICUS (LINNAEUS, 1758) collected from Gulf of mannar	C.Shibana, P.Subavathy	Web of Science	2021	9	1	409-420

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Biochemical composition of the marine crab <i>Portunuspelagicus</i> from Gulf of Mannar.	C.Shibana, P.Subavathy&R. D.Thilaga	International journal of scientific research and Review	2018	7	11	318-337
Antibacterial activity of Crab <i>Portunuspelagicus</i> from three stations of Gulf of mannar coast.	C.Shibana, R.D.Thilaga&J.E stherMereen	International Journal of Recent Research Aspects	2018			723-726
Assessment of antipyretic activity of the marine gastropod <i>Babyloniaspirata</i>	A.BavaniSaraswathy,RD.Thilaga, S.Jeya Ruby and C.Shibana	International Journal of Current Research	2017	9	2	pp.464 76-46478, IF 7.086 Index Copernicus 6.24
Antioxidant activities of aqueous and methanolic extracts of the crab	Sr.C. Shibana , R.D.Thilaga, JemmaHermelin Jesy Diaz and T.Esther Elsie	World Journal of Pharmaceutical Sciences	2017	Vol.6(2)		8000-8004
Antimicrobial activities of the shell of the crab <i>Portunuspelagicus</i> (Linnaeus,1758) from Thoothukudi Coast .	Sr.C.Shibana	International Journal of Current Research.	2017	Vol.9(2) IF 7.086		
Physico Chemical parametrs of drinking water from three different stations of Thoothukudi district	Sr.C.Shibana ,R. D.ThilagaanS.D urga Devi	World Journal of Pharmaceutical Sciences	2017	6	6	ISSN22 78-4357
Investigation of heavy metal accumulation in water, sediment and some body parts of crab <i>scyllaserrata</i>	C.Shibana A.Bavani Saraswathy, andES.MariaKevin	Marian Quest	2017			

from thoothukudi and punnaikayal coast						
Screening of marine gastropod <i>Cypraea Arabica</i> for antibacterial and antifungal activity.	C. Shibana	International Journal of Current Research	2015	Vol.7, Issue 09	Google scholar Indian citation indexed	PP-19995-20001
A study on antimicrobial activity of the internal shell of <i>L. duvauceli</i> and <i>S. pharaonis</i> from Thoothukudi coastal region.	Jemma Hermelin Jesy Diaz, Thilaga R.D and C. Shibana	International Journal of Current Research	2015	No.7 (11)	ISSNO. 0975-833X	PP.222 99-22302
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

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
22.11.2020	Tamil Nadu Commission for Welfare of the differently abled and Red cross society	Covid 19 Achievement award	Covid 19 Achievement Award

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Research Experience & Training

Research	Title of the work Thesis	University where the work was carried out
Ph.D Reg No: 9358	“Studies on the Molecular, Nutritional and Pharmaceutical qualities of <i>Portunuspelagicus</i> (Linnaeus, 1758), Gulf of Mannar, Southeastern India”.	SuganthiDevadason Marine Research Institute, affiliated to MS university 44 Beach Road, Thoothukudi – 628 001.

Teaching Experience

Courses Taught	Name of the University/College/Institution	Duration
B.Sc.,	St. Mary’s College (Autonomous), Thoothukudi.	14 years
M.Sc.,	St. Mary’s College (Autonomous), Thoothukudi.	14 years
M.Phil.,	St. Mary’s College (Autonomous), Thoothukudi.	6 years

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	Aluminae Day
10.03.2018	Primary School,Sippikulam	Chief Guest	Motivational Speech
12.08.2018	Child Jesus Girl’s Hr.SecSchool,Palayamkottai	Animator	Retreat
20.03.2021	Servite CBSC School Staff interview at Maravanmadam	Selection Committee member	Interview
23.07.2021	St.Mary’sCollege(Autonomous)Thoothukudi	Speaker for star Ccollege summer schoolProgramme	Current perspectives of Stem cell and its application

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Proposals Submitted

Name of the staff	Funding agency	Applied for
Dr.C.Shibana	Tamilnadu State Council for Higher Education(FAC)	Minor Research Project Proposal submitted
Dr.C.Shibana	TANSICHE	Student Project
Dr.C.Shibana	TANSICHE	Minor Project
Dr. C. Shibana	MGNCRE	Minor Project
Dr.C.Shibana	National Commission for Women	Major Research Project proposal submitted
Dr.C.Shibana	MGNCRE	Minor Project

Fund Received

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

Book Published

Book Name	Puplication	ISBN Number
Environmental studies	Archers & Elevators Publishing House	978-93-88805-96-4
Research Methodology	Multispectrum Publications, Kanyakumari	978-93-94428-09-6

Genbank Accession number from NCBI

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

Credential

- Number of M.sc Projects guided - 11
- I Got Guideship in 2019 from Manonmaniam Sundaranar University.
- Guideship Number : MSU/RES/Ph>D/GUIDESHIP/2020
- Ph.D Scholar Registered – 1

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.

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Responsibilities Held :

- ❖ Director of self supporting courses for three years (2012-2015)
- ❖ Vocation promotion Counselor 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.

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- ❖ 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 2019-2021
- ❖ Vice President of Institutional Innovation Council
- ❖ Incharge of Website Committee
- ❖ Member of Admission committee

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