



Name : D.SOUMADY

Qualification : M.Sc., M.Phil., Ph.D., PGDCA., PGDTA., M.D(Acu).

Designation : Assistant Professor

Department Name : Zoology

Date of Birth : 09.09.1973

Date of Appointment : 27.07.2015

Office Address : Government College for Women (A), Kumbakonam

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Specialization : Malacology and Toxicology.

Experience (UG/PG) : UG & PG- 22 years

Experience in this college : UG & PG- 8 years and 4 month

1. QUALIFICATION

Degree	Major / Specialization	Institute / University	Year of Passing	University Ranks if any
UG	Zoology	A.A.G.Arts College Karaikal	1995	First
PG	Zoology	K.M.C.P.G.S. College, Pondicherry	1997	First
M.Phil	Zoology	K.M.C.P.G.S. College, Pondicherry	1998	First
Ph.D	Zoology	A.V.C. College (Autonomous), Mayiladuthurai.	2013	First

2. Research experience:

S.NO	Research work at	Title of the Thesis
1	M.phil	Effect of Organochlorine pesticide Gamma-Lindane on Histology and Biochemical Studies in <i>Tilapia Mossambicus</i> (Peters)
2	Ph.D	Ecology of <i>Perna Viridis</i> in a portion of coastal waters of Nagapattinam District, Tamil Nadu, India.

3. Research Guidance: (2015-2023)

S. No.	Programme	No.	
		Completed	Ongoing
1	M.Sc.	11	3
2	M.Phil.	2	-
3	Ph.D.	-	-

4. Teaching Experience (as on November 2023):

Post Held	University/ Institution	Period		No. of years/ months	Nature of work
		From	To		
Asst. Professor	A.D.M.C. For Women ((Autonomous),) Nagapattinam	01.10.2001	12.12.2002	1 year/2months	Teaching
Asst. Professor	T.B.M.L. College, Porayar	12.12.2002	27.07.2015	12years/ 8 months	Teaching
Asst. Professor	Govt. College for women, (Autonomous), Kumbakonam	27.07.2015	till date	8years/ 4months	Teaching

5. Research Publication:

Chapters published in National Books

S.No	Chapter Title	Book Title	Author's Name	Publisher	Year
1	Comparison of trace metal accumulation on mussel <i>Perna viridis</i> in the coastal waters of Nagapattinam, TN, India.	International conference on Current challenges in conservation of Biodiversity, (ISBN: 978-93-84446-23-9).	Soumady, D and Asokan, S.	Manibharathi Publishers	2017 (16-18.02.2017)
2	Biochemical studies on fresh water fish <i>Labeo rohita</i> (Ham.) exposed to sub-lethal concentrations of Sevin. International conference on Current challenges in conservation of Biodiversity,	International conference on Current challenges in conservation of Biodiversity, (ISBN: 978-93-84446-23-9)	Sundaraju, M and Soumady, D	Manibharathi Publishers	2017 (16-18.02.2017)
3	Nurition and yield evaluation of Oyster Mushroom (<i>Pleurotus ostreatus</i>) in different substrates.	International conference on Current challenges in conservation of Biodiversity, (ISBN: 978-93-84446-23-9)	Santhi, B. and Soumady, D	Manibharathi Publishers	2017 (16-18.02.2017)
4	Evaluation of biochemical and nutrient analysis of <i>Pleurotus florida</i> in different substrate.	Edited By V. Ravi, R. Balasubramanian, S. Venkatalakshmi & V. B. Sakhare. National conference on Indian fisheries: Prospects and Challenges, (ISSN 0974-6323)	Sindhu, R and Soumady, D	Ecology and Fisheries	2018 (15-16.02.2018)
5	Antibacterial activity of selected herbal <i>Cassia auriculata</i> against Fish Pathogens.	Edited By V. Ravi, R. Balasubramanian, S. Venkatalakshmi & V. B. Sakhare. National conference on Indian fisheries: Prospects and Challenges, (ISSN 0974-6323)	Mariyammal, A and Soumady, D	Ecology and Fisheries	2018 (15-16.02.2018)

6	Antibacterial activity of <i>Poecilia reticulata</i> (guppy) mucus exposed to cow urine.	Edited By V.Ravi, R.Balasubramanian, S.Venkatalakshmi & V.B.Sakhare. National Conference on Indian Fisheries:Prospects and Challenges, (ISSN 0974 -6323)	Rajeswari, A and Soumady, D	Ecology and Fisheries	2018 (15-16.02. 2018)
7	Hematological responses in Domestic Pigeon (<i>Columbia livia</i>) Induced by Cow Urine distillate	Edited By V.Ravi, R.Balasubramanian, S.Venkatalakshmi & V.B.Sakhare. National conference on Indian fisheries:Prospects and Challenges, (ISSN 0974 -6323)	Premavidhya,A and Soumady, D	Ecology and Fisheries	2018 (15-16.02 2018)
8	A Comparative Study of Avifaunal Diversity in and around Mangrove Ecosystem of Karaikal (UT), South East Cost of India.	Edited by Dr.M.Devipriya & Dr.R.Aruna Devi.National seminar on Sustainable Development through Biodiversity Conservation, St. Thomas College, Ranni,Kerala. (ISBN: 9788193962923).	Soumady, D and Kamala Kannan, P	Dr.M.K.Suresh printed at Perangattu printers, Ranni	2019 (22. and 23.02.2019)
9	Biodiversity of Molluscan and Ichthyofauna in Mangroove Ecosystem of Karaikal, South East Cost of India.	National seminar on Sustainable Development through Biodiversity Conservation, St. Thomas College, Ranni,Kerala. (ISBN: 9788193962923).	Soumady, D and Kamala Kannan P,	Dr.M.K.Suresh printed at Perangattu printers, Ranny	2019 (22. & 23.02.2019)
10	Effect of Organochlorine pesticide gamma Lindane on enzyme activity in <i>Tilapia mossambicus</i>	National seminar on Sustainable Development through Biodiversity Conservation, St. Thomas College, Ranni,Kerala. (ISBN: 9788193962923).	Soumady, D.	Dr.M.K.Suresh printed at Perangattu printers, Ranny	2019 (22. &23.02.2019)
11	A comparative study of	Hydrobiology and Fisheries (vol.2)-	S.Priyanka and	Discovery Publishing	

	Avifaunal Diversity in and around Kumbakonam, Thanjavur District, Tamil Nadu, India	Dr.Vishwas Balasaheb Sakhare, Dr.Ashwini Dnayndeo Chalak, Dr.Shivaji Gyanba Jetithor. (ISBN:978-93-88854 71-9)	D.Soumady	House Pvt.Ltd., New Delhil (India)	2021
12	Call back House Sparrow for conservation in and around Kumbakonam, Thanjavur District, Tamil Nadu, India	Hydrobiology and Fisheries (vol.2)- Dr.Vishwas Balasaheb Sakhare, Dr.Ashwini Dnayndeo Chalak, Dr.Shivaji Gyanba Jetithor. ISBN:978-93-88854 71-9	S.Roopanandhini and D.Soumady	Discovery Publishing House Pvt.Ltd., New Delhil (India)	2021
13	Antimicrobial Activity of <i>Pila globosa</i> Mucus Stabilized Iron Oxide Nanoparticles against fresh water Pathogens	IJCRT-ISSN: 2320-2882 Vol.10,issue 6-p298-309 www.ijert.org	D.Soumady, R.Shanmugapriya, R.Rajalakshmi, R.Gunavathi, T.Thilagavathi	IJCRT22A6521	2022

6. Seminar/Conference/Workshop/Symposia/Training programme organized during the last five years
(Please attach supporting documents(pamphlet/certificate))

Year	Name of the Seminar/Conference/Workshop/Symposia/Training programme organized	Name of the Organizing Secretary
.2018	National workshop (Faculty Development Programme) on Recent Trends in Bio-virtual Labs- held on 24.01.2018 at PG & Research Department of Zoology Government college for Women (A)., Kumbakonam.	Dr.D.Soumady
2019	Invited Lecture for Awareness Meeting on “Call back sparrow for conservation” held on 14 to 16 February 2019 at PG and Research Department of Zoology, Government College for Women (A), Kumbakonam-612 001, Tamil Nadu, India.	Dr.D.Soumady
Online programme 2020	e Quiz on “ General Health” held on 14.07.2020 at Women Cell, Government College for Women (A), Kumbakonam, 612 001, Tamil Nadu, India.	Dr.D.Soumady
2020	e Quiz on “Environmental Protection Act” held on 16.07.2020 at PG and Research Department of Zoology, Government College for Women (A), Kumbakonam-612 001, Tamil Nadu, India.	Dr.D.Soumady
2020	e-Quiz on “The First Women Personalities in India” from	Dr.D.Soumady

	16.07.2020 to 19.07.2020 by the Women Cell, Government College for Women (Autonomous), Kumbakonam-612 001, Tamil Nadu, India.	
2021	National level workshop on Bird watching held on 11.01.2021 and 12.01.2021 at PG and Research Department of Zoology, Government College for Women (A), Kumbakonam-612 001, Tamil Nadu, India.	Dr.D.Soumady
2021	International level webinar on “The Secrets of Inner Power” on 19.07.2021 and 20.07.2021 at PG and Research Department of Zoology, Government College for Women (A), Kumbakonam-612 001, Tamil Nadu, India.	Dr.D.Soumady
2021	Hands on training on microbes-isolation and characterization held on 16 and 17.11.2021	Dr.D.Soumady
2022	Birds count and Recording GCWK. held on 01.04.2022	Dr.D.Soumady
2023	Bird count in Arasalar River bank and GCWK Campus held on 16.04.2023	Dr.D.Soumady

7. Seminar/Conference/Workshop/Symposia/Training programme attended and paper presented during the last five years (Please attach supporting documents (certificate))

Year	Seminar/Conference/Workshop/Symposia/Training programme attended	Title of the paper
- International conference 2017	International conference on Current challenges in conservation of Biodiversity held from 16.02.2017 to 18.02.2017 at PG & Research Department of Zoology and Wildlife Biology, A.V.C.College (A.), Mannampandal, Mayiladuthurai, TN	Comparison of trace metal accumulation on mussel <i>Perna viridis</i> in the coastal waters of Nagapattinam, TN, India.
2017	International conference on Current challenges in conservation of Biodiversity held from 16.02.2017 to 18.02.2017 at PG & Research Department of Zoology and Wildlife Biology, A.V.C.College (A.), Mannampandal, Mayiladuthurai, TN	Biochemical studies on fresh water fish <i>Labeo rohita</i> (Ham.) exposed to sub-lethal concentrations of Sevin.
2017	International conference on Current challenges in conservation of Biodiversity held from 16.02.2017 to 18.02.2017 at PG & Research Department of Zoology and Wildlife Biology, A.V.C.College (A.), Mannampandal, Mayiladuthurai, TN	Nutrition and yield evaluation of Oyster Mushroom (<i>Pleurotus ostreatus</i>) in different substrates.
National Conference 2018-	National conference on Indian fisheries: prospect and challenges held from 15.02.2018 to 16.02.2018 at PG & Research Department of Zoology Government college for Women (A), Kumbakonam.	Hematological responses in Domestic Pigeon (<i>Columba livia</i>) Induced by Cow Urine distillate.
2018	National conference on Indian fisheries: prospect and challenges held from 15.02.2018 to 16.02.2018 at PG & Research Department of Zoology Government college for Women (A), Kumbakonam.	Antibacterial activity of selected herbal <i>Cassia auriculata</i> against Fish Pathogens.
2018	National conference on Indian fisheries: prospect and challenges held from 15.02.2018 to 16.02.2018 at PG & Research Department of Zoology Government college for Women (A), Kumbakonam.	Evaluation of Biochemical and nutrient analysis of <i>Pleurotus floridae</i> in different substrate.
National Conference 2020	Ecology and Fisheries (An International Peer Reviewed Journal) and Pragati Vikas Sanstha, Tuljappur, Maharashtra jointly organizing one day National Virtual Conference. Fish and Fisheries of India on 7 th June 2020.	Call back house Sparrow for conservation in and around Kumbakonam, Thanjavur District, Tamil Nadu, India.

2020	Ecology and Fisheries(An International Peer Reviewed Journal) and Pragati Vikas Sanstha, Tuljappur, Maharashtra jointly organizing one day National Vitrual Conference. Fish and Fisheries of India on 7 th June 2020.	A Comparative Study Of Avifaunal Diversity in and around Kumbakonam, Thanjavur District, Tamilnadu, India.
National Seminar 2019	National seminar on Sustainable Development through Biodiversity Conservation held from 22.02.2019 to 23.02.2019 at St. Thomas College, Ranni, Kerala.	A Comparative Study of Avifaunal Diversity in and around Mangrove Ecosystem of Karaikal (UT), South East Cost of India.
2019	National seminar on Sustainable Development through Biodiversity Conservation held from 22.02.2019 to 23.02.2019 at St. Thomas College, Ranni, Kerala.	Biodiversity of Molluscan and Ichthyo fauna in Mangroove Ecosystem of Karaikal, South East Cost of India.
2019	National seminar on Sustainable Development through Biodiversity Conservation held from 22.02.2019 to 23.02.2019 at St. Thomas College, Ranni,Kerala.	Effect of Organochlorine pesticide gamma Lindane on enzyme activity in <i>Tilapia mossambicus</i>
Work shop 2015	Faculty development Programme-(IQAC) held on 22.02.2015 at Government college for Women (A). Kumbakonam-.	Creative teaching technique.
2015	PG & Research Department of Zoology Government college for Women (A)., Kumbakonam- 07.09.2015	Bee Keeping
2015	PG & Research Department of Zoology Government college for Women (A)., Kumbakonam- 12.09.2015	Mushroom culture
2016	Government college for Women (A). Kumbakonam- 10.02.2016	Live Zoology
2018	Government college for Women (A). Kumbakonam- 08.09.2018	Computational Biology and its Application.
2018	PG & Research Department of Zoology, Government Arts College (A) Kumbakonam-11.10.2018 to 13.10.2018	Creative Awareness about Applied Zoology for Self-Employment
2019	IQAC-One day Faculty Development Programme – Government Arts College (A) Kumbakonam-31.07.2019	Prospects of outcome Based Curriculum
2019	Science Club organized National workshop on 16 .10.2019 at Government College for Women (A),Kumbakonam.	Preparation of student Project Proposal for State and Central Government Funding Agencies.
2021	TRB-Chennai -from 20.10.2022 to 23.10.2022	Confidential Work at TRB in Madurai
2022	IQAC-One day Faculty Development Programme – Government Arts College (A) Kumbakonam-04.11.2022	NACC-SSR Preparation in a Nutshell
2022	TNSC Training programme in Govt. Arts College (A) Kumbakonam, 05.05.2022 and 06.05.2022	In-Service Teacher Training Program-in Life Science

2022	One day hands on training programme- Government College for women (A)Kumbakonam-28,11.2022	Bioinformatics tools for protein analysis
2023	IQAC -Faculty Development Programme-Government College for women (A)Kumbakonam-03.04.2023	Research Motivation

8. Details of Orientation and Refresher course completed (year-wise)

Year	Name of the Teacher	Title of the programme (Orientation and Refresher course completed)	Name of the Institute organized
2017	Dr.D.Soumady	95 th Orientation. 03-03-2017 to 30-03-2017	HRDC, Bharathidasan University Tiruchirappalli
2019	Dr.D.Soumady	Refresher Course in Life sciences- 16.07.2019 to 29.07.2019	UGC-Human Resource Development center, Bharathidasan University Tiruchirappalli
2021	Dr.D.Soumady	Online Refresher Course in Life Sciences- 08.09.2021- To 21.09.2021`	UGC-Human Resource Development center, Bharathidasan University Tiruchirappalli
2023	Dr.D.Soumady	Orientation program for NSS-PO- 14.2.23-15.2.23	Nan Mudhalvan scheme at Anna Centenary Library- Chennai
2023		Faculty Development Program- 24 .07 2023 to 28 .07. 2023	International Regulatory Requirements for Clinical Trials & Data Management- Tamil Nadu Skill Development Corporation, Government of Tamil Nadu- Bharathidasan University

6. Ph.D and M.Phil degree completed particulars during the year

Year	Ph.D/M.Phil degree	Name of the student with Reg.No/roll no	Name of the Research guide	Title of the dissertation
2020	M.Phil degree	G.Shamini- MF19ZO003	Dr.D.Soumady	Studies on the Eco-biology of the Apple Snail, <i>Pila globosa</i> (Swainson, 1822) at different habitats around Kumbakonam, Thanjavur District, Tamil Nadu, India.
2023	M.Phil degree	R. Elakkiya MP20ZO002	Dr.D.Soumady	Study of Cytochrome Oxidase subunit I Protein and its binding efficiency with Herbal and Allopathic Antibiotics

9. M.A/ M.Com/M.Sc., dissertation/project particulars during the year

Year	M.A/ M.Com/M.Sc degree	Name of the student with Reg.No/roll no	Name of the Research guide	Title of the dissertation
2016	M.Sc	R.Bhuvaneswari- P14ZO003	Dr.D.Soumady	Comparative study on Biochemical composition of Oyster Mushroom (<i>Pleurotus florida</i>) using different substrate
2016	M.sc.,	B.Santhi- P14ZO017	Dr.D.Soumady	Nutrition and Yield evaluation of Oyster Mushroom <i>Pleurotus ostreatus</i> in different substrates
2017	M.Sc.,	A.Premavidhya P15ZO018	Dr.D.Soumady	Hematological responses in Domestic Pigeon(<i>Columbia Livia</i>) induced by cow urine distillate
2017	M.Sc.,	A.Rajeswari- P15ZO019	Dr.D.Soumady	Antibacterial activity of <i>Poecilia reticulata</i> (Guppy) mucus exposed to cow urine.
2018	M.Sc.,	A. Mariyammal P16ZO012	Dr.D.Soumady	Antibacterial activity of selected herbal <i>Cassia auriculata</i> against fish pathogens.
2018	M.Sc.,	R. Sindhu P16ZO022	Dr.D.Soumady	Study of growth and yield of <i>Pleurotus</i> by different agriculture waste substrates and its nutrient analysis.
2019	M.Sc.,	G.Shamini P17ZO014	Dr.D.Soumady	Comparative study of antibacterial activity of organic turmeric and Aachi turmeric against selected fish pathogens.
2019	M.Sc.,	S.SITA P17ZO015	Dr.D.Soumady	Antibacterial activity of selected herbal <i>Azadirachta indica</i> and <i>Melia azedarach</i> against fish pathogens
2020	M.Sc.,	S.Roopanandhini P18ZO017	Dr.D.Soumady	Call back house Sparrow for conservation in and around Kumbakonam, Thanjavur district, Tamil Nadu, India.
2020	M.Sc.,	S. PRIYANKA P18ZO014	Dr.D.Soumady	A comparative study of Avifaunal diversity in and around Kumbakonam, Thanjavur district, Tamilnadu, India.
2021	M.Sc.,	R. DAYANA P19ZO005	Dr.D.Soumady	A Study on The Biodiversity of fauna Observed from College Campus of Government College For Women (A) Kumbakonam, Thanjavur District, Tamil Nadu, India.
2022	M.Sc.,	R. Gunavathi P20ZO005.	Dr.D.Soumady	A comparative study on population density of Black Kite (<i>Milvus Migrans</i>) and Brahminiy Kite (<i>Haliastur Indus</i>) in different habitat at Tamil Nadu, India
2022	M.Sc.,	R. Rajalakshmi P20ZO017	Dr.D.Soumady	Antiimicrobial activity of <i>Channa striatus</i> stabilized Iron Oxide Nanoparticles against fresh water Pathogens

2022	M.Sc.,	R.Shanmugapriya P20ZO020	Dr.D.Soumady	Antiimicrobial activity of <i>Pila Globosa</i> mucus stabilized Iron Oxide against fresh water Pathogens
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➤ **10.Committee Responsibilities: (From 2015-to Till Date)**

(@ Government College for Women (A), Kumbakonam)

1. Health care Centre- Coordinator- 2015 to 2016
2. Counseling cell-Member- 2016 to 2017
3. Women Cell- Coordinator -2018 to 2022
4. Sparrow Conservation-Coordinator in Zoology Department-2019 to till date
5. NSS Coordinator-2022 to till date
6. Anti ragging Committee member -2023 to till date

➤ **11.Invited Talks: (From 2015 to 2020)**

S.No	Name Of The Events	Title	Duration	Role	Place
1	NSS (WISH) Programme	“The Menstrual Hygiene and Health Management”.	10.08.2016	Resource Person	Government college for Women (A)., Kumbakonam.
2	Youth Red Cross Programme.	“ Marunthilla Maruthuvam”	09.02.2017	Resource person	Government college for Women (A)., Kumbakonam.
3	Mathematics Department Association meeting.	“Measurement of Acupuncture for Carring of Health”	31.01.2018	Resource Person	Government college for Women (A)., Kumbakonam.
4	Youth Red Cross Programme	“Role of Reflexology in Health”	24.10.2018	Resource Person	Government college for Women (A)., Kumbakonam.
5	Student’s Exnora Club	“Ozone depletion awareness Programme”	03.10.2019	Resource person	Idhaya college for Women,Kumbakona m.
6	Student’s science expo programme	Judged the best science experiment	27.02.2021	Chief Guest	Velammal Bodhi Campus.Kumbakona m.
7	National Science Day-	Micro virtual fair-2022	04.03.2022	Chief Guest	Idhaya college for Women,Kumbakona m.Research Dept. of Microbiology.