

STAFF PROFILE

- 1) Name : Sr. Dr. G. S. MARY FABIOLA, Ph.D.
- 2) Designation : Assistant Professor in Zoology
- 3) Department : PG and Research Department of Zoology
- 4) Qualification : M.Sc., M.Phil., M.Ed., DCA., PGDCA., Ph.D.5) Experience
- 5) Teaching Experience: Teaching : UG: 18 years. PG: 1 year Research : 20 years
- 6) Area of Specialization (s) : Entomology, Aquaculture and Environmental Sciences
- 7) E-mail : fabialcida@gmail.com
- 8) Academic Qualifications : M.Sc., M.Phil., M.Ed., DCA., PGDCA., Ph.D
- 9) Additional Qualifications : Technical Qualification:
- Post Graduate Diploma in Computer Applications (PGDCA) – Distinction – Bharathiar University.
 - Diploma in Computer Applications (DCA) – Distinction – LIBA- Loyola College, Chennai.

10) Grants Received

Event Title	Agency	Amount	Date
ASTRA Application of Science and Technology for rural areas	TNSCST	Rs.1,000,00/-	March 8 ^h -12, 2013

11) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	3
M. Phil.	6	-

12) Research Publications

International

1. **Sr.Mary Fabiola**, (2012). *Anopheles stephensi* voucher MFG1cytochrome oxidase subunit II (COXII) gene, partial cds; mitochondrial Mosquitocidal efficacy against *Elytraria acaulis* (l.f) Lindu. NCBI LOCUS JQ301825 663 bp DNA liner INV 04- FEB. Gene bank: JQ301825.1

2. **Sr.Mary Fabiola**, (2012). *Aedes aegypti* voucher MFG2 cytochrome oxidase subunit II (COXII) gene, Partial cds; mitochondrial Mosquitocidal efficiency against *Elytraria acaulis* (L.f) Lindau NCBI LOCUS JQ3018626 663 bp DNA INV 04-FEB-, Gene bank;JQ301826.1.
3. **Sr.Mary Fabiola**, (2012). *Culex quinquefasciatus* L. voucher MFG2 cytochrome oxidase subunit II (COXII) Gene, partial cds; mitochondrial Mosquitocidal efficacy against *Elytraria acaulis* (L.f) Lindau. NCBI LOCUS JQ301827 663 bp DNA linear INV 04-FEB. Gene bank:JQ301827.1.
4. **Sr.Mary Fabiola**, (2013). Larvicidal activity of *Elytraria acaulis* (I.F.) against mosquito vector *Aedes aegypti*. 3rd International Science congress. ISBN-978-93-83520-24-4.
5. **Sr.Mary Fabiola**, (2015).Waste minimization through vermicompost- An alternative approach. International science index eISSN: 1307-6892
6. **Sr.Mary Fabiola**, (2015). Insecticidal activity of vitex negundo L. on the larvae and pupae of *Ades aegypti*(L.). *World journal and Pharmaceutical sciences*. 5(1): ISSN : 2278-4357
7. **Sr.Mary Fabiola**, (2016). Histological alternation in selected organs of *Oreochromis niloticus* from selected lakes around Coimbatore district. *International journal of recent scientific research*. 7(1): ISSN: 0976-3031
8. **Sr.Mary Fabiola**, (2016). Insecticidal activity of *Oldenlandia Corymbosa* (L) on the Larvae and Pupae of *Anopheles Stephensi* (L). *International Journal of Multidisciplinary Research and Modern Education*, Vol. II, Issue II, 2016. ISSN(Online): 2454-6119.
9. **Sr.Mary Fabiola**, (2018). Larvicidal activity of selected essential oils against *Ades aegypti* (Insecta : Diptera : Culicidae). *International Journal of Entomology Research*, Vol. 3, Issue 2,pp139-142. ISSN:2455-4758.
10. **Sr.Mary Fabiola**, (2018). Effect of *Ziziphus jujube* leaf extract on ovary of fresh water fish *Oreochromis mossambicus*. *International journal of current research in lifesciences*, Vol. 7, Issue 4,pp1712-1716.. ISSN:2319-9490.
11. **Sr.Mary Fabiola**, (2018). Effect of *Ziziphus jujube* leaf extract on gill of fresh water fish *Oreochromis mossambicus*. *International journal of pharmaceutical and Biological Science Archive*, Vol. 6, Issue 3,pp15-20. ISSN:2349-2678.
12. Mercy. M and **Sr. Mary Fabiola** (2020). Seasonal Variations in Physicochemical Parameters of selected Wetlands in and around Coimbatore District. *International Journal*

of *Pharma and Bio Sciences*. *Pharm Sci*.11(3), B54-59
<http://dx.doi.org/10.22376/ijpbs.2020.11.3.b> , pp :54-59. Impact Factor 2019: SJIF-7.583.

13. Aleena. Mary Joy, **Dr.G.S.Mary Fabiola** and Gayathri Krishna K. U. (2020). Screening of selected plant extracts for Larvicidal activity against *Spodoptera litura*, (Fab)., (Lepidoptera: Noctuidae). *The International Journal of Analytical and Experimental Modal Analysis*, Volume XII, Issue X, October/2020, ISSN NO:0886-9367, Pp:1446-1455.

National

1. **Sr.Mary Fabiola**,(2011). Tamil valarchiku samayangalin pangu. Pp566-569. ISBN: 978-93-81006-18-4.
2. **Sr.Mary Fabiola**,(2012). Effect of heat shock on protein profile of silkworm, *Bombyx mori.L*, *Vijnana Prabha. Journal of Sciences*. Vol.1(4): 11-14. ISSN:2231-3214.
3. **Sr.Mary Fabiola**,(2013). Effect of cold shock on protein profile of silkworm, *Bombyx Mori.L*. *Nirmala Annual Research Congress*. Vol.1(1): 294 -296. ISBN-978-0-9894254-8.
4. **Sr.Mary Fabiola**, (2014). Insecticidal activity of *Vitex negundo* on the larvae and pupae of *Anopheles stephensi* (Lis.), ISBN No. 978-93-5174-565-5
5. **Sr.Mary Fabiola**, (2014). Insecticidal Activity of Madras Patensis on the larvae and pupae of *Aedes aegypti* ISBN No. 978-93-5174-565-5
6. **Sr.Mary Fabiola**, (2014).Insecticidal activity of *phyllanthus maderaspatensis* L. on the larvae and pupae of *culex quinquefasciatus* (Lis.) *Scientia* vol.10, No.1, Jan-Dec.2014,pp92-95 ISSN: 0976-8289
7. **Sr.Mary Fabiola**, (2015).Environmental crisis in modern scenario. pp405-408.ISBN 978-93-81006-96-2.
8. **Sr.Mary Fabiola**, (2015). Consumer awareness on vermicompost and its effect on the growth of a vegetative crop *Lycopersicum esculentus* . Vol3, issue 3,pp287-290. ISSN 2347-1654&2347-1679.
9. **Sr.Mary Fabiola**, (2017). Insecticidal activity of leaf extracts of *Oldenlandia corymbosa* L. against *Culex quinquefasciatus* L. *Nirmala Annual Research Congress*. Vol(3): 59-61. ISBN:978-93- 5279-759-2.

10. **Sr.Mary Fabiola**, (2018). Determination of heavy metal concentration in water samples collected from lakes of Coimbatore District, Tamil Nadu, India. National seminar on advances in biological sciences research, (2018) ISBN-978-93-5321-256-8.
11. **Sr.Mary Fabiola**, (2018). Larvicidal and Pupicidal activity of leaf extracts of *Vitex negundo L.* against the human vector *Culex quinquefasciatus L.*
12. **Sr.Mary Fabiola**, (2018).Assessment of xenobiotics in the selected organ tissues of freshwater fish *Oreochromis niloticus* of selected lotic ecosystem of Coimbatore district. Annual research congress 2018. ISBN-978-93-5321-859-1. Pg.No: 285-288.
13. **Sr.Mary Fabiola**, (2018). Laboratory study of the larvicidal and pupicidal activity of selected three leaf extracts against the human vector *Culexquinquefasciatus* (Lis) Annual research congress 2018. ISBN-978-93-5321-859-1.
14. **Mary Fabiola G.S** and Muthusamy. M. (2019), Gcms and Phytochemical Profiling of Ethyl Acetate Leaf Extract of *Elytraria Acaulis*. Int J Recent Sci Res. 10 (12), DOI: <http://dx.doi.org/10.24327/ijrsr.2019.1012.4891>, pp. 36268-36269. Impact Factor 2017: 7.383, Index Copernicus Value: 2016-81.25.

13) Other Publications

- Submitted Gene sequence to NCBI
- Gene Sequences in the world Gene Bank on 04.02.2012, Gene bank accession numbers JQ301825.1, JQ301826.2, JQ301827.1.

14) Presentations in Conference -29

15) Participation in Conference - 32

16) Participation in Seminar - 33

17) Participation in Workshop -16

18) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- 73rd Orientation programme on 03.02.2009-03.03.2009 at Bharathiar University-Academic Staff College,CBE.
- Refresher course in Zoology on 09.11.2010-29.10.2010 Bharathiar University-Academic Staff College,CBE.

- Refresher course in Environmental Studies (ID) on 04.07.2018 – 24.07.2018 at UGC – Human Resource Development Center, Bharathiar University-Academic Staff College, CBE.
- Online refresher course in Advances in Animal Diversity and Systematics and Evolution on Jan 2019 – Mar 2019- MHRD-Swayam.
- Refresher Course in Zoology on 20.06.2019 – 03.07.2019 at UGC-Human Resource Development Centre, Bharathiar University, Coimbatore-46.

19) Participation in Faculty Development Programme - 02

NIL

20) Conference/ Seminar/ Workshop Organized - 49

21) Member in Board of Study

- Board of studies in Zoology, Nirmala College for Women, Coimbatore.

22) Editorial/ Review Board Member

- Editorial Board member - International Journal of Applied and Advanced Scientific Research (IJAASR), ISSN : 2456-3080.
- Editor of 6th, 7th, 8th & 9th Zoology Book – Apollo's, V.V. Rajan & Co. P. Ltd.,
- Compiled 4 Eco magazines of Nirmala College for Women, Coimbatore.

23) Membership in Professional Bodies

Name of Professional Body	Nature of Membership	Duration
Indian Science Congress	Member	-
Osai- Environmental organization	Life member	Life member
Rhythem social service society.	Joint secretary and coordinator	-