ACADEMIC PROFILE

NAME: Dr DIVYA. M. S

DESIGNATION: ASSISTANT PROFESSOR ON CONTRACT

DEPARTMENT OF ZOOLOGY

MOB: 9074727651

EDUCATIONAL

QUALIFICATION: MSc, PhD

AREA OF INTEREST: Ornamental fish breeding

SPECIALISATION: Environmental Biology

TEACHING EXPERIENCE

Designation	Institution	Period
Assistant Professor On Contract	S.N.College, Punalur	Since 01/01/2021

PUBLICATIONS:

1 Divya.M.S[1] and Sreeja.J[2](2018). Application of *Myristica fragrans* feed in *Poecilia latipinna* as an effective antibacterial agent and colour enhancer. *Saudi J. Life Sci*., Vol(3), Iss(2) 176-179.

2 Divya.M.S[1] and Sreeja.J[2](2018). Colour enhancement potential and antibacterial activity of *Allium sativum* supplemented feed in *Poecilia velifera*. *Journal of Emerging Technologies and Innovative Research*., Vol(5), Iss(3):296-298.

3 Divya.M.S[1] and Sreeja.J[2](2018). Effect of certain plant ingredients as growth enhancer in *Poecilia latipinna*. *International Journal of Current Trends in Science and Technology*., Vol(8), Iss(4): 20215-20221.

4 Divya.M.S[1] and Sreeja.J[2](2018). A Qualitative study on the phytochemicalprofiling of *Bacopa monnieri* with organic solvents. *Saudi J. Life Sci.*, Vol(3), Iss(4): 381-383.

5 Divya.M.S[1] and Sreeja.J[2](2018).Biopotentialities of certain plant ingredients to survival and colour enhancement in *Xiphophorus helleri. Research Journal of Chemistry and Environment* Vol.22(11)November(2018)

6 Divya.M.S[1] and Sreeja.J[2](2018). A comparative study on the morphometric and nutritional indices of Xiphophorushelleri catered with commercial and domestic feed. *Journal of Emerging Technologies and Innovative Research*., Vol(5), (Iss-3): 488-489.

7 Divya.M.S[1] and Sreeja.J[2](2018). A brief study on the qualitative evaluation of the colour enhancing ability of Allium sativum feed and commercial feed in Xiphophorus helleri (Heckel,1840). *Journal of Emerging Technologies and Innovative Research*., Vol(5), Iss(5): 788-791.

8 Sreeja.J[1] and Divya.M.S[2](2018).Biomonitoring of Ashtamudi Lake in Kerala using fishes in *Science chronicle* Vol.8 No.1&2(2018)

9 Dr. Divya.M.S (2020). Qualitative analysis of phytochemicals and carotenoid production of Aegle marmelos supplemented feed in Xiphophorus helleri(Heckel,1848). Jounal of Emerging Technologies and Innovative Research., Vol(7), Iss(10): 2839-2842.

10 Divya.M.S and Sreeja.J (2016). Use of Plant Extracts in Ornamental Fish Culture as an Alternative to Chemotherapy in the Proceedings of the International Conference on Environmental Stress and Aquatic Animal Health, ISBN 978-93-5258-826-8.

11 Divya.M.S and Sreeja.J(2016). Effect of Plant Extracts on Growth and Survival in Xiphophorous maculatus as an Alternative to Chemotherapy. International Conference Book of Abstracts on Environmental Sustainability for Food Security(ENFOSE, 2016).

12 Divya.M.S and Sreeja.J (2017). Phytochemical Profiling and Antibacterial Activity of Bacopa monnieri in different solvents in the National Conference Proceedings on Recent Advances in Zebra Fish Immunology Research- An Ideal Model For Human(2017), ISBN 978-620-2-06487-3.

13 Divya.M.S and Sreeja.J (2017). Phytochemical Analysis of Myristica fragrance in different solvents in the Proceedings of the National Seminar on Blue Economy: Fostering Sustainable Development and Profitable Resource Utilization (2017), ISBN 978-93-85752-56-8.

14 Divya.M.S and Sreeja.J (2018). Biopotentialities of Certain Plant Ingredients to Survival and Colour Enhancement in Xiphophorus helleri e-proceedings of the 3rd World Research Congress(2018).

15 Divya.M.S and Sreeja.J (2018).Effect of Bacopa monnieri Feed as an Antibacterial Agent and Colour Enhancer in Xiphophorus helleri National Conference Proceedings on "Bioactive Marine Natural Products and their Therapeutic Applications (2018), ISBN 978-93-5291-866-9.

16 Divya.M.S and Sreeja.J (2019). Phytochemical screening and colour enhancing ability of Aquilaria malaccencis incorporated feed in Barbonymus schwanenfeldii (Bleeker, 1853).

17 Dr Divya M.S.(2020). Qualitative analysis of phytochemicals and carotenoid production of Aegle marmelos supplemented feed in Xiphophorus helleri (Heckel,1848). *Journal of Emerging Technologies and Innovative Research., Vol(7),Iss(10): 2839-2842.*

18.Dr Divya M.S.(2022). A comparative study on the Antibacterial activity of plant material incorporated feed in *Poecilia latipinna* and *Xiphophorus helleri*. *Eco. Env.&Cons.29 (July Special Issue on Int. Conf. on Climate change on Aquatic Life, 23-25, Nov., 2023, Kollam, Kerala) pp. S81-S84 Copyright @ E M International ISSN 0971-765X*

PRESENTATIONS:

1. Oral Presentation made on the topic 'Preliminary steps to prevent diseases in Ornamental fishes' in the National Seminar on "Current Trends in life Science " jointly organized by The Department of Biotechnology, botany and Zoology, Government College Kariavattom, Thiruvananthapuram, Kerala from 10th to 12th February, 2016.

2. In the International conference on Environmental Stress and Aquatic Animal Health, ESSAH-2016 organised by the Department of Zoology, Govt. College for women, Thiruvananthapuram on 24th February 2016 delivered an oral presentation on 'Use of plant extracts in Ornamental fish culture as an alternative to chemotherapy'.

3. International Conference on Environmental Sustainability for Food Security (ENFOSE-2016) Organised by Sree Ayyappa College for Women, Chunkankadai, Nagercoil, Kanyakumari District, Tamil Nadu, India during 22nd-24th September, 2016 made an oral presentation on 'Effect of plant extracts on growth and survival in Xiphophorous maculatus as an alternative to chemotherapy'.

4. Delivered an oral presentation entitled 'Phytochemical profiling and antibacterial activity of Bacopa monnieri in organic solvents' in the National Conference on Recent Advances in zebra fish Immunology Research: RAZFIR-2017 sponsored by Science and Engineering Research Board, Department of Science and Technology, Government of India on 20th & 21st September 2017.

5. The topic entitled 'Phtyochemical analysis of *Myristica fragrans* in different solvents' was orally presented in the National Seminar on "Blue Economy-Fostering Sustainable Development and Profitable Resource Utilization" held on 22nd& 23rd August 2017 at FMN College, Kollam, Kerala, India.

6. In the 3rd World Research Journals congress held at The Art of living, Bangalore, India from 10th to 12th January 2018 the topic 'Biopotentialities of certain plant ingredients to survival and colour enhancement' was orally presented.

7. National Conference on Bioactive Marine Natural Products And their Therapeutic Applications organized by Centre for Drug Discovery and Development Col.Dr.Jeppiar Research Park, Sathyabhama University, Chennai on 24th and 25th January 2018.

8. In International seminar on BISFAA 2019, Organised by FMNC (Autonomous), Kollam presented a topic Phytochemical screening and colour enhancing ability of Aquilaria malaccensis incorporated feed in Barbonymus schwanenfeldii (Bleeker),1853.

SEMINARS/CONFERENCES/WORKSHOP ATTENDED:

1 Attended the National Seminar on Water Resource Management: Present Uses, status, Conservation and Co-operation held in Bishop Moore College, Mavelikkara, Kerala, India-690110 on 20th to 22nd March 2013.

2 Participated in the International Seminar On Ornamental Fish Breeding, Farming And Trade"Ornamentals Kerala 2014" organized by The Department of Fisheries, Govt. of Kerala, in association with ministry of Agriculture and State Fisheries Resource Management Society (FIRMA) as a part of India International Aqua Show 2014 on 26th& 27th January 2014.

3 Viewed the International Symposium on Aquaculture and Fisheries as part of the International Conference on Environmental Sustainability for Food Security(ENFOSE 2016) at Fisheries College and Research Institute, Thoothukudi, India on 23rd September 2016.

4 Attended the workshop "Biostatistics for Research (Basic Principles & Advanced Tools" jointly organized by the CEPC Laboratory & Technical Division, kollam and TKM Arts & Science College, kollam during 19th-21st March, 2015 at Cashew Bhavan, kollam.

5 Experienced the Training programme on Ornamental Fish Breeding and Farming conducted by MPEDA in association with Department of Aquaculture, Sacred Heart College, Thevara, Ernakulam during the period from 1st– 4th February 2017.

6 Actively participated in the International Workshop on 'Microseeds and Marvellous Research' organized by the Post Graduate & Research Department of Botany, supported by Parents Teachers Association 2018-2019 Fatima Mata National College, Kollam on 2nd November, 2018.

7 Attended "DISHA- A hands- on Practical Training Workshop for Higher Secondary Biology Teachers" organized by the Post Graduate & Research Department of Botany, supported by Parents Teachers Association 2019-2020 Fatima Mata National College, Kollam on 19th October, 2019.

8 Participated in the webinar on Backward Aquaculture in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 23/04/2021 at Zoom platform.

9 Participated in the webinar on Covid Second Wave-How it Happened? What to do? in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 25/04/2021 at Zoom platform

10 Participated in the webinar on Biodiversity of Marine Ornamental Fishes in India in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 06/05/2021 at Zoom platform.

11 Participated in the webinar on What lies beneath? Subterranean biodiversity of the Western Ghats in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 06/05/2021 at Zoom platform.

12 Participant of the webinar on Excess Zinc in Diet and Lifestyle Diseases in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 08/05/2021 at Zoom platform.

13 Participated in the webinar on Human Evolution and Migration: The Stories Told by DNA in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 09/05/2021 at Zoom platform.

14 Participated in the webinar on Conserving Biodiversity: Towards a Scientific Approach in AGORA EDITION 3.0 (2021) organised by Sree Narayana College, Kollam 06/05/2021 at Zoom platform.

BOOK PUBLISHED

1 The book entitled "Phytochemical profiling and Antibacterial activity of *Bacopa monnieri"* published on 05/11/2020 with Lap Lambert Academic Publishers, Germany. ISBN 978-620-3-02853-9

ATTENDED WORKSHOPS AND TRAINING PROGRAMME

1. Biostatistics for Research (Basic Principles & Advanced Tools" jointly organized by the CEPC Laboratory & Technical Division, Kollam and TKM Arts & Science College, Kollam during 19th-21st March, 2015 at Cashew Bhavan, Kollam, Kerala, India

2. International Workshop on Microseeds and Marvellous Research organized by the Post Graduate & Research Department of Botany, supported by Parents Teachers Association 2018-2019 Fatima Mata National College, Kollam, Kerala, India on 2nd November, 2018.

3."DISHA- A hands- on Practical Training Workshop for Higher Secondary Biology Teachers" organized by the Post Graduate & Research Department of Botany,

supported by Parents Teachers Association 2019-2020 Fatima Mata National College, Kollam, Kerala, India on 19th October, 2019.

4.Training programme on Ornamental Fish Breeding and Farming conducted by MPEDA in association with Department of Aquaculture, Sacred Heart College,Thevara, Ernakulam, Kerala, India during the period from 1st– 4th February 2017.

5. National workshop on Animal Cell Culture and Molecular Biology Techniques organised by Department of Zoology, Mar Ivanios College (Autonomous) in association with the Kerala State Higher Education Council, Thiruvananthapuram from 4th to 8th December 2023.