

**Name of the Teacher:** Dr.Bindu.V.S

**Designation :** Assistant Professor

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### **Academic Qualification**

M.Sc, B.Ed, M.Phil, Ph.D

### **Area of Interest/Specialization**

Environmental Toxicology

**Teaching Experience (as on 31.03.2021) :** 10years 5 months Years

### **Details of Major or Minor Projects**

UGC Minor project (Toxicopathological impact of acute and sublethal concentration of lead nitrate and mercuric chloride on fresh water teleost Ananas testudineus) Completed and submitted on 2015

### **Administrative / Official Responsibilities**

Nil

### **Academic Positions**

Syllabus revision Kerala University UG 2019, M.Sc semester 3 Microbiology and Biotechnology (Kerala University) key preparation 2017,  
QP setter UG and PG Mar Ivanios college.  
2012 admission B.Sc(core) tutor. 2012-2015  
M.Sc Zoology tutor 2015 - 2016

B.Sc Botany(complementary) tutor 2016- 2017

2017 admission B.Sc (core )tutor. 2017-2020

Biotechnology (complementary) tutor 2020-21

### **Awards and Accolades**

Nil

### **Seminar / Conference organized**

National seminar on Emerging Challenges in Biodiversity Conservation with special reference to Recent Trends in Ecotoxicology (ECBCRTET) 2018. Sponsored by KSCSTE and Kerala State Biodiversity Board.

### **Training Courses attended**

IT OC from 27/07/2012 to 23/08/2012, (University of Kerala

Life sciences RC from 02/07/2014 to 22/07/2014,(University of Kerala)

Life sciences RC from 16/07/2019 to 29/07/2019(Bharathidasan University),

Life sciences and Biotechnology RC from 19/08/2019 to 30/08/2019 (JNU),

FDP in co- creating MOOCS from 20/04/2020 to 06/05/2020 (University of Delhi),

FDP in MOODLE LMS from 26/05/2020 to 31/05/2020 (IIT Bombay)

### **Seminar / Conference attended**

99 th Indian science Congress, Orissa from 3 to 7 January 2012

National conference on Exercise Physiology, Human Performance and Wellbeing( MSM College) 21th and 22 nd December 2010

National seminar on Biotechnology vs Biodiversity challenges and options (SN College, Kollam) 21st and 22nd November 2012

National seminar science and technology advances in integrated scientific research (MSM College)

15 th and 16th Jan 2019

### **Social Media Links**

Nil

### **International Journal Publications**

Nil

### **National Journal Publications**

Effect of organophosphorus pesticide chlorpyrifos and lead nitrate on haematological parameters of fish *Anabas testudineus* J.Ecotoxicol.Environ.Monit 2014(a) 59-63.24(2)

Effect of organophosphorus pesticide chlorpyrifos on histopathology of fresh water teleost *Anabas testudineus*. J.Ecotoxicol.Environ.Monit. 2014(b) 73-77 24(2)

Effect of Mercuric chloride toxicity and behaviour of fresh water teleost *Anabas testudineus*.J.Ecotoxicol.Environ.Monit 2013.129-133.23(2)

### **Book Chapter Publications**

Eco-friendly Pesticides for sustainable food production, in line with emerging policy of state Agricultural Policy(SAP) of Kerala State

The book was forwarded by Dr. Haly, former Director of Agriculture, Kerala State.

2014

ISBN-13978-81-926608-1-3

Proceedings of National seminar on Emerging Challenges in Biodiversity Conservation with special reference to Recent Trends in Ecotoxicology(ECBCRTET - 2018)

ISBN:978-93-5291-469-2 by

Editor in chief

### **International Conference Publications**

Endosulfan toxicity on behaviour and survival of freshwater teleost *Ananas testudineus*.

Proceedings of International fisheries symposium-IFS (2012) 196- 199

### **National Conference Publications**

Toxicity of lead nitrate on biochemical parameters of fresh water teleost *Anabas testudineus*.

National seminar on Emerging Challenges in Biodiversity Conservation with special reference to Recent Trends in Ecotoxicology 2018. 196 -200

ISBN:978-93-5291-469-2

Effect of Mercuric chloride on histopathology of fresh water teleost *Anabas testudineus*. National seminar on Emerging Challenges in Biodiversity Conservation with special reference to Recent Trends in Ecotoxicology 2018. 248-254

ISBN:978-93-5291-469-2

Histopathological investigation of primary reproductive organs of *Anabas testudineus*, exposed to Endosulfan. National seminar on Emerging Challenges in Biodiversity Conservation with special reference to Recent Trends in Ecotoxicology 2018. 466-470

ISBN:978-93-5291-469-2

### **Workshops Attended**

Hands on training on e- learning: Future of higher education, The Role of Moodle as an LMS (BJM Government College, Chavara) 30th and 31 st January 2020

Tools and techniques in Biotechnology (Government College for Women) 14 th and 15th November 2017

### **Other Publications**

Effect of organochlorine pesticide Endosulfan on histopathology with special reference to teleost *Anabas testudineus*. Marine Ecotoxicology workshop in 6th Bilateral Seminar Italy - Japan held at Palermo Italy from 17 th to 21 November 2014

### **Other Relevant information**

Biodiversity club convenor, KDISC convenor,

Zoology department NAAC co-ordinator

Zoology department sports convenor 2012-2018

Women's club member

Nature club member

Functioned as scientific article reviewer of Indian Council of Agriculture journal (ICAR) Indian journal of fisheries.

**Additional Resources**

Resource Person for Regional seminar series 2017(SN College, Kollam)

Resource Person World Wetland day 2019( SN College, Kollam)