

## Mrs.M.Sasikala

Name : **M.SASIKALA**

Qualification : M.Sc., M.Phil.,(SLET)

Date of Birth : 27.1.1974

Date of Joining in TN.  
Collegiate Educational Service : 13.10.2008

Designation : Assistant Professor

Department : Department of Advanced Zoology and Biotechnology

Email Address : krishi.sasi@gmail.com

Mobile No : 9600126219

Specialization : Toxicology & Biochemistry

Total Teaching Experience : **UG:** 12 years **PG:** 5 years

Total Research Experience : 3 years

Research Field : Toxicology & Biochemistry

### Life Member

Indian Science Congress Association (ISCA) - (2012 onwards)

### Seminars / Conferences / Workshops attended

1. Participated in National Seminar on “**Recent Biotechnological Perspectives in Disease Diagnosis and therapy**” held on 23<sup>rd</sup> and 25<sup>th</sup> October 2009 at Mediclone Academy of Biosciences, Chennai.
2. One day Seminar on “**Darwinism the other facts of life**” on 25<sup>th</sup> January 2010 conducted by Department of Zoology, Guindy campus University of Madras, Chennai.
3. Seminar on “**Genes in Genomics – Proteins in Proteomics**” held on 18<sup>th</sup> and 19<sup>th</sup> February 2011 at Mediclone Academy of Biosciences, Chennai.
4. Attended a One day Workshop on “**Microscopy and Photomicrography**” on 27.9.2011 conducted by PG Department of Microbiology, DG Vaishnava College, Chennai-106.
5. Participated in “**National Conference on Zoology for Future Education and Research**” on 23<sup>rd</sup> and 24<sup>th</sup> January 2014 at Queen Mary’s College, Chennai organized by the Department Of Zoology.

6. Participated in Regional Seminar on “**Biodiversity**” at Government Arts College, Nandanam, Chennai on 27<sup>th</sup> January 2014.

7. Participated in 101th Indian Science Congress Association held at University of Jammu from 3<sup>rd</sup> to 7<sup>th</sup> February 2014

8. Participated in Recent Advances in Molecular Techniques- An Intercollegiate seminar sponsored by DBT star College Scheme organized by Department of Zoology, Madras Christain College, Chennai - 59 on 11-07-2014.

9. Participated International Seminar on New Horizons in Microbiology – Challenges and Prospects, Organised by PG and Research Department of Microbiology at Mohamed Sathak College of Arts & Science on Juli 31<sup>st</sup>, 2015.

#### **Workshop attended**

1. Attended Two day Workshop on PCR technique organized by Eppendorf, Chennai in April 2013 at MVJ Convention Centre, Chetpet, Chennai

#### **Poster presentation**

1. **Karthi.S, Sasikala.M and R.Saravanan. 2014.** Effects of Zinc on liver antioxidant enzymes in Freshwater fish *Tilapia mossambicus*. National Conference on Zoology for Future Education and Research on 23<sup>rd</sup> – 24<sup>th</sup> January 2014 organised by Department of Zoology at Queen Mary’s College, Chennai.

#### **Paper presentation**

1. **Sasikala.M., V. Murugan and Jothi Narendran** Effect of Cadmium on brain antioxidant enzymes in freshwater fish *Oreochromis mossambicus*. State level Seminar on Environmental Conservation and Water Resource Management held on 29<sup>th</sup> and 30<sup>th</sup> January 2015 organised by Post Graduate and Research Department of Zoology, Government Arts College, Nandanam, Chennai Sponsored by Ministry of Environment, Forest and Climatic change, Government of India.

#### **Participated as Judge:**

Science Exhibition conducted by Tamilnadu School Education Department – District Level at Chengalpet Girls Higher Secondary school -09.09.2015

#### **Paper Publications**

1. **M.Sasikala**, V.Murugan and N.Jothi Narendiran 2015. Effect of cadmium on brain antioxidant enzymes in freshwater fish *Oreochromis mossambicus*. *International Journal of Current Research* 7(11): 22339-22343.

2. R.Priya, **M.Sasikala**, M.Babu, N Ganapathi, AVedapuri and N Jothi Narendiran 2015. Toxicity of linear alkylbenzene sulphonate (LAS) detergent to *Tilapia mossambicus*. *Int J Adv Res Biol Sci* 2(10) 203-206.

3. M.Devarjan, R.Priya, **M.Sasikala** , M.Babu, N.Ganapathi, A.Vedapuri and N.Jothi Narendiran 2015.Toxicity and behavioural changes in freshwater fish *Tilapia mossambicus* exposed to sugar mill effluent. *Int J Adv Res Biol Sci* 2(10) 207-211.

**Refresher / Orientation Courses Attended**

1. Pre orientation course from 13.10.2008 to 08.11.2008 conducted by UGC-Academic Staff College, University of Madras.

2. Refresher Course in Life Science held on 02.2.2012 to 22.2.2012 conducted by UGC-Academic Staff College, University of Madras.

3 Refresher Course in Life Science held on 12.11.2014 to 2.12.2014 conducted by UGC-Academic Staff College, University of Madras.