

- |     |  |   |  |
|-----|--|---|--|
| 1   | Name   | : | Dr. S. DIVYA   |
| 2   | Designation  | : | Assistant Professor  |
| 3.  | Qualification  | : | M.Sc., B.Ed., Ph.D.,   |
| 4   | Mobile number  | : | 9043188538   |
| 5   | E-mail id  | : | <a href="mailto:divyabioche@auxiliumcollege.edu.in">divyabioche@auxiliumcollege.edu.in</a> |
| 6   | Teaching Experience  | : | 4 years as PGT at S.D.A. Matric Hr. Sec. School, Otteri.<br>4 months in Auxilium College   |
| 7.  | Area of specialization   | : | Phytotherapy, Biotechnology, Human Physiology  |
| 8   | Positions Held in Auxilium   | : | Assistant Professor  |
| 9.  | No. of Papers Published  | : | 6  |
| 10. | No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences | : | 14   |
| 11. | Current Responsibilities   | : | Enviro club (Shift II) In – charge   |
| 12. | Membership in other bodies   | : | Lifetime membership in Society for Chemistry and Synthetic Biology.                        |

**Others:**

**PAPER PRESENTATIONS**

Laboratory ethics in at Shri Academy for paramedical Education, Chennai, Tamilnadu, - Regional - on 13<sup>th</sup> September 2014.

Impact of climate change on Biodiversity at Loyola College, Chennai – National - on 4 -5<sup>th</sup> December 2014.

Elimination of poverty and Empowerment of women conference on achieving sustainable Development at Loyola College, Chennai – National - on 4 -5<sup>th</sup> December 2014.

Conservation of Medicinal Plants Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu. National 18<sup>th</sup> - 20<sup>th</sup> February 2015.

Bioremediation: A review of biodiversity” in “symposium on Biodiversity at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu.” held on National 18<sup>th</sup> - 20<sup>th</sup> February 2015.

Environmental Chemistry – A bird’s view at Department of Chemistry, Thiruvalluvar University, Vellore, Tamil nadu, India, - National - on 9<sup>th</sup> -10<sup>th</sup> April 2015

Screening of phytochemicals in methanol leaf extracts of *Jasminum fluminense* (L.) at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu. - International- on 28<sup>th</sup> - 30<sup>th</sup> September - 2016

Phytochemistry: A brief glance” in symposium on conservation of aquatic and terrestrial Biodiversity at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India, - International - on 28<sup>th</sup> - 30<sup>th</sup> September -2016

Indian Peafowl Diversity – Threat or Treat” in Young scientists’ conference on Faunal Diversity at Department of Zoology, Loyola College, Chennai, - National - on 5 & 6<sup>th</sup> December 2016

Identification of phytochemicals in *Abelmoschus manihot* (L.) using GC – MS study at Department of Biotechnology, Thiruvalluvar University, Vellore 632 115, Tamilnadu, India, - International- on 15<sup>th</sup> -17<sup>th</sup> February 2017.

Study of phytochemicals in *Abelmoschus manihot* (L.) using GC- MS study at Department of Biochemistry King Nandhivarman College of Arts & Science, Thellar, 604 406, Vandavasi, Tamilnadu, India, - National- on 21<sup>st</sup> February 2017.

Screening of *Jasminum fluminense* Linnaeus leaf extracts for presence of phytochemicals at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India, - National- on 5<sup>th</sup> October 2017.

Phytoremediation on heavy metals pollution at Department of Zoology, Thiruvalluvar University, Vellore, Tamilnadu, India, - National- on 5<sup>th</sup> October 2017.

Phytochemical analysis and evaluation of *Cardiospermum halicabum*(L.) and *Chenopodium album*(L.) at PG and Research department of Zoology, Pachaippa's College, Chennai National on 5<sup>th</sup> and 6<sup>th</sup> October 2017.

Benzene Extract of *Abelmoschus manihot* against bacterial and fungal activities at Recent Advances in Biomedical Technologies (RABT-2018) held at Thiruvalluvar University, Vellore – International - on 29<sup>th</sup> – 31<sup>st</sup> August, 2018.

### **BOOK PUBLICATIONS**

Contribute one chapter in “Economics of Rural Health, Water and Sanitation” (2018), Edited by Dr. C. Dhandapani, Professor in Economics, Thiruvalluvar university.

### **LIST OF PUBLICATIONS IN JOURNALS**

R. Maheswari, **S. Divya**, S. Sureshkumar, S. Arivoli and B. Senthilkumar, 2015. *Momordica charantia* L extract ameliorates ethanol induced Hepatic and Renal antioxidant enzyme in male Albino rat, *International Journal of Chemical and Pharmaceutical Review and Research*, ISSN: 2395-3306 2 (2): 24-33.

Maheswari, R. **S. Divya**, S. Suresh Kumar, B. Senthilkumar and S. Arivoli, 2016. Ameliorative Effect of *Momordica charantia* against Arsenic induced Hepatotoxicity in Albino Mice. *International Journal of Chemical & Pharmaceutical Review and Research*, ISSN: 2395-33064 (1): 9-14.

Arivoli S, **Divya S**, Arumugam B, Meeran M, Jayakumar M, Raveen R and Samuel T. 2018. Phytochemical constituents of *Jasminum fluminense* Linnaeus (Oleaceae): An additional tool in the ecofriendly management of mosquitoes? *Journal of Pharmacognosy and Phytochemistry*, 7(1) ISSN 2278-4136: 548-566.

**Divya. S**, Arivoli. S, Samuel. T, Raveen. R and Jayakumar. M 2018. Gas Chromatography – Mass Spectrometry analysis of *Cardiospermum halicacabum* Linnaeus (Sapindaceae) and *Chenopodium album* Linnaues (Chenopodiaceae) leaves, *Journal of Pharmacognosy and Phytochemistry*, ISSN 2278-4136 7(3): 2743 – 2751.

Arivoli Subramanian, Tennyson Samuel, **Divya Selvaraj**, Shameem Rani and Grace Marin 2020. GC-MS analysis of *Curcuma longa* Linnaeus (Zingiberaceae) rhizome extract, *Journal of Pharmacognosy and Phytochemistry*, ISSN 2278-4136 8(6): 49-52.

**Divya Selvaraj**, Arivoli. Subramanian and Tennyson Samuel 2020. *GC-MS analysis of Abelmoschus manihot (L.) Medik* (Malvaceae) leaves, *World Journal of Advanced Research and Review* ISSN 2581-9615 05(02): 067-079