DR. SAVITHA RABEQUE C
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BOOKS

1. "A review on phytochemical, antioxidant and hypoglycemic activity of traditionally important *Syzygium* spp".

RESEARCH ARTICLES IN JOURNALS

1. **Savitha Rabeque C**., and Sangeetha (2022). Cytotoxic effect of antidiabetic drug glibenclamide on root meristem of *Allium cepa* L *International Journal of Botany Studies*, Vol 7 (1): 383-387 ISSN: 2455-541X

2. **Savitha Rabeque C** and Jelly louis C (2022). Serum lipid profile of diabetic Albino mice treated with leaf methanolic extract of Syzygium caryophyllatum (L.) Alston and Syzygium *densiflorum* Wall. *International Journal of Botany Studies*, Vol 7 (1): 479-483 ISSN: 2455-541X Pages 479-483.

3. **Savitha Rabeque C** (2021). Antidiabetic efficacy of *S.densiflorum* Wall. On alloxan induced diabetic mice. *International J. of All Research Education and Scientific methods*, Vol.No.9(5):1380-1384 ISSN:2455-6211.

4. **Savitha Rabeque C**., and Jelly Louis (2021). Comparative Gas Chromatographic and Mass spectroscopic analysis of methanolic leaf extract of *Syzygium caryophyllatum* (l.)Alston and *Syzygium densiflorum* Wall. *International J. of All Research Education and Scientific methods*, Vol No 9(5): 677-682 ISSN: 2455-6211.

5. Jelly Louis C., Aswathy S. and **Savitha Rabeque C**. (2020). Preliminary phytochemical analysis and antioxidant activity of *Drynaria quercifolia*- an epiphytic fern. *International Journal of Research and Analytical Reviews*, Vol:7(3): 493-497 e-ISSN 2348-1269

6. **Savitha Rabeque C**., and Jelly Louis (2015). Antibacterial activity of leaf methanolic extract of *S. caryophyllatum*(L.) Alston against human pathogenic microorganisms. IOSR J. Pharmacy and Biological Sciences, Vol: 10 (1):83-85 ISSN: 2319-7676

7. **Savitha Rabeque C**., Sandhya V Kumar, Jelly Louis and Thulasi Jayaprakash (2014). Phytochemical analysis and Antibacterial activity of *Aristolochia indica L.* Scientia, Vol.10, No. 1:133-138 ISSN 0976- 8289

8. **Savitha Rabeque C** (2014). Free radical scavenging potential of root extracts of *Syzygium caryophyllatum*(L.) Alston. American j. Pharmacy and Health Reasearch, Vol: 2 No:4:113-120 ISSN:2321-3647

9. **Savitha Rabeque C** and Padmavathy (2013). Hypoglycaemic effect of *Syzygium caryophyllatum* (L.) Alston on alloxan induced diabetic albino mice. Asian J Pharmaceutical and clinical research. Vol: 6, No (4) :203-205 ISSN:2455-3891

10. **Savitha Rabeque C** and admavathy (2011). Comparative phytochemical analysis of root extracts of *S. caryophyllatum*(L.) Alston and *S. densiflorum*Wall. Pharmacie globale, Vol: 04, No: 06:1-3 ISSN 0976- 8157

11. **Savitha Rabeque C** and Padmavathy (2011). Comparative phytochemical analysis of *Syzygium caryophyllatum and Syzygium densiflorum Wall.* Scientia Vol: 7 No.2:125-131 ISSN 0976- 8289

12. **Savitha Rabeque C**., Padmavathy S and Sundhararajan A (2011). *Invitro* Antioxidant Activities of *Syzygium malaccense* Merr (L.) and Perry. Ancient Science of Life Vol: 30 No. 4110-113 ISSN 2249-9547

13. **Savitha Rabeque C**., Padmavathy and Jelly Louis (2010). Studies on cytotoxic and karyotoxic effect of dye effluent on root meristem of *Allium cepa* L. Scientia Vol 6(1)161-166.

CHAPTERS IN BOOKS

1. **Savitha Rabeque C.,** Cytotoxic and karyotoxic effect of untreated sewage water from Alathur municipality held at KSCSTE sponsored National seminar on Emerging trends in Genomic research conducted by Research and PG Department of Botany, St. Thomas College, Thrissur on 22nd February 2019.

PAPER PRESENTATIONS

1. **Savitha Rabeque C.,** Presented a poster on "Wetland and Climate change" National Seminar onducted by PG Dept. of Botany, Mercy College, Palakkad on 7th February 2019.
2. **Savitha Rabeque C.,** Presented a poster on "Wetlands" at KSCSTE sponsored One Day National Seminar on "Conservation of Wetlands"conducted by PG Dept. of Botany, Mercy College, Palakkad on 7th February 2019.

3. **Savitha Rabeque C.,** GC-MS analysis of bioactive compounds in the leaf methanolic extract of *Syzygiumcaryophyllatum* (L.) Alston on "Recent advances and challenges in plant science" held on 6th March 2015 at ArulmiguPalaniandavar Arts College for Women, Palani, Tamilnadu.
4. **Savitha Rabeque C**. and S. Padmavathy Diabetes and Plant based remedies - An overview" held at DBT, DRDO and DST sponsored National conference on Immunoinformatics- an insilico aid towards better medicines (CIMI-'13) on 3-10-13 and 4-10-13, at Nirmala college for women, Coimbatore.
5. **Savitha Rabeque C.,** S.Padmavahy and N.Anusuya, Evaluation of free radical scavenging capacity of methanolic and aqueous extracts of *Syzygium malaccense* (L.) Merr & Perry. held at UGC sponsored International Conference on Bioresource Technology- Its Applications and Achievements, on 7th& 8th October 2010, Nirmala College for Women, Coimbatore.
6. **Savitha Rabeque C.,** V Thangapandiyan, K. Vasantha and M.Bappammal, 2007. Evaluation on Karyotoxicity Induced by Textile Effluent in *Allium cepa*. held at the UGC Sponsored National Symposium On Need Based Modern Trends in Ethnomedicine Research, AYUSH REMEDIES- 2007, PG and Research Department of Botany, Kongu Nadu Arts and Science College, Coimbatore.

RESOURSE PERSON:

Presented a talk on "Biomolecules - an overview" at Govt.AP HSS, Elapully on 20/01/2022.