

PROFILE

Name : Dr. C. SOWNTHARIYA
Gender : FEMALE
Department : BIOTECHNOLOGY
Staff ID : TBT2024M01
Educational Qualification : M.Sc., Ph.D.



| S.No. | Degree/Diploma | Subject/Main | Name of the College/ University |
|-------|----------------|--|--|
| 1. | UG | BOTANY UNIVERSITY RANK II | Holy Cross College (Autonomous), Tiruchirappalli- 2 |
| 2. | PG | BOTANY WITH SPECIALIZATION IN PLANT BIOTECHNOLOGY UNIVERSITY RANK II | Holy Cross College (Autonomous), Tiruchirappalli- 2 |
| 3. | Ph.D. | BOTANY HIGHLY COMMENDED | Holy Cross College (Autonomous), Tiruchirappalli- 2 |

Aided Management Shift I Shift II

Teaching Experience at Holy Cross College: 3years & 1month

Teaching Experience : 3years & 1month

Teaching + Research Experience: 2 years

Patent: Indian Patent– App. No. 202441034763 A; Filed on: 01.05.2024.

Journal/articles published: 16 + 2

1. Shanthi P., Sr.Anne Xavier, Anushya S. and **Sownthariya C. 2023.** Callus induction, regeneration of shoots and assessment of clonal fidelity through androgenesis of *Baliospermum montanum* (Willd.) Muell.Arg. Journal of Soils and Crops. 33(2): 344-352.

UGC care

2. Shanthi P., Amudha P., **Sownthariya C.**, Anushya S. and Jennifer S. **2023.** Effect of different nutrient solutions on rooting of *Acmella calva* (DC.) R.K.Jansen in hydroponic system. Journal of Soils and Crops. 33(1):115-119 **UGC care**

3. Anushya Sankar, Shanthi Periyasamy, **Sownthariya Chandrabalan. 2022.** *In vitro* evaluation of Antioxidant Property of *Morinda umbellata* L. A rare Traditional Medicinal Climber. International Journal of Pharmaceutical Investigation. 12(4):1-5. **Web of Science.**

4. **Sownthariya C.**, Shanthi P., Sathya R. and Jennifer S. **2022.** Phytochemical screening, antidermatophytic potential and GC-MS analysis of traditional medicinal plants. Research Journal of Biotechnology. 17 (6): 89 – 102. **Web of Science** and **SCOPUS**

5. Shanthi P, **Sownthariya C.**, Sundari U. T. **2022.** HPTLC Profiling and Antibacterial Efficacy of *Melia Azedarach* Linn. Leaf Extracts Against Secondary Bacterial Pathogens of Dermatophytosis. Biomed. Pharmacol. J. 15(2). **SCOPUS**

Conference/Seminar/ Workshops/ Training/FDP – Attended/Presented – Academic & General: 43

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