

PG & Research Department of Botany

PAPER PUBLICATION – 2021-2022

S.NO.	NAME OF THE STAFF	TITLE OF THE PAPER PUBLISHED	PUBLICATION DETAILS (Title of the Journal with Volume No. issue No. & Pages, Month & Year, ISSN/ISBN No. & Impact factor, (H. Index etc.) UGC Approved Journals etc.)
1	P Shanthi , U Thiripura Sundari, C Sownthariya.	Anti-bacterial competency of stem barks of <i>Azadirachta indica</i> Juss. and <i>Acacia nilotica</i> Linn.	<i>International Journal of Botany Studies</i> Vol. 6 (6): 410-413. 2021 (November).(Web of Science).
2	Priyadharshni K, P Shanthi	Gas chromatography-mass spectrometry (GC-MS) analysis of bioactive compounds of ethanolic extract of <i>Acmella calva</i> (DC.) R.K Jansen.	<i>International Journal of Botany Studies</i> . Vol. 6 (6): 1055-1061.2021 ((December). (Web of Science).
3	Sownthariya C, Shanthi P , Thiripura Sundari U, Priyadharshni K, Anushya S, Jennifer S.	Chromatographic and spectroscopic analysis of traditional medicinal plant <i>Melia azedarach</i> L. stem bark extracts.	<i>International Journal of Botany Studies</i> . Vol. 6 (6): 841-846. 2021 (December). (Web of Science).
4	Shanthi Periyasamy , Jennifer Stanley and Sownthariya Chandrabalan.	Prevalence of Chronic Liver Diseases and Cirrhosis in Tiruchirappalli District of Tamil Nadu, India: A Cross-Sectional Study.	<i>Journal of Academia and Industrial Research (JAIR)</i> . Vol. 10 (2): 16-20. 2022 (January).
5	Thiripura Sundari U, Shanthi P.	Pharmacognostical, phytochemical and heavy metal determination of Indian globe thistle plant- <i>Sphaeranthus indicus</i> L.	<i>International Journal of Botany Studies</i> . Vol. 7 (2): 127-132.2022 (February). (Web of Science).

6	Catharin Sara, M.Prema, K.Swathi, S. Priyadharshini Bai and C. Sivakami	A review on Recent Prospectus and Status of Food based and ecofriendly Industrial Products from Mushrooms.	<i>International Journal of Current Microbiology and Applied Science. 11(03): 26-31.March 2022 UGC Care list.</i> Impact Factor=0.654
7	Shanthi P, Sownthariya C, Sundari U. T.	HPTLC Profiling and Antibacterial Efficacy of <i>Melia Azedarach</i> Linn. Leaf Extracts Against Secondary Bacterial Pathogens of Dermatophytosis.	<i>Biomedical Pharmacol J.</i> 15(2). Scopus. April - 2022. Impact Factor=0.198
8	Sownthariya C, Shanthi P, Balavinayagamani Ganapathy, Priyadharshini K, Thiripurasundari U, Nagaraja Suriyadevara	Analysis of phytochemical compounds present in some traditional anti dermatophytic plants by thin layer, column chromatography methods	Research Journal of Pharma and technology, Vol. 15(4) April 2022.pp- 1-8 (Scopus)
9	Shanthi P, Gnana Deepa Ruby R, Helen Diana I and Anushya S	<i>In Vitro</i> Studies on Seed germination and callus induction on <i>Cassia alata</i> Linn.	<i>Research Journal of Biotechnology,</i> Vol.16(5)May,2021. pp 82-87. (Scopus + UGC CARE
10	Priyadharshini K and P.Shanthi	Pharmacognostic Evaluation of the Whole plant of <i>Acmella calva</i> (DC) R.K.JANSEN	<i>International Journal of Botany Studies</i> Vol. 7 (2): 346-352.
11	Sownthariya C, Shanthi P	Spectroscopic analysis (GC-MS and FT-IR) of <i>Melia azedarach</i> leaf extract	<i>International Journal of Botany Studies</i> Vol. 7 (2): 133-141.
12	M. Revathi and V. Bhuvaneshwari	Spectroscopic analysis and anti-inflammatory activity of <i>Plumeria rubra</i> L.	<i>Global Journal For Research Analysis,</i> Volume 11, Issue-02, pg 2277-8160. – UGC
13	Kavitha, R. and Sahaya Sathish, S.	Checklist of mosses (Bryopsida) from Pachamalai Hills of Eastern Ghats, Tamil Nadu, India.	<i>International Journal of Botany Studies,</i> 6(6): 1424 – 1429. 2021. ISSN: 2455-541X, Impact factor RJIF 8. (Web of Science).

14	Helen Mary Piramila, B , Agnes Priya S, Deepika M, Nandhini G and Reeta Jenifer S	Indoor Plants- a novel approach to reduce the risk of atmospheric pollution	International Journal of Botany Studies, Vol.6, Issue 4(2021), pp 474-480, 2021. ISSN: 2455-541X, Impact factor RJIF 8. (Web of Science).
15	R. Sabitha, T. Francis Xavier, S. Balavivekananthan, A. Freeda Rose	Evaluation of antibacterial activity of leaf and stem extracts of <i>Oxystelma esculentum</i> R. Br.,	International Journal of Botany Studies, Vol.6, Issue 5(2021), pp 1527-1530, 2021. ISSN: 2455-541X, Impact factor RJIF 8. (Web of Science).
16	R. Sabitha, T. Francis Xavier, S. Balavivekananthan, A. Freeda Rose	An influence of coco peat and vermicompost on successful Ex vitro rooting of micropropagated plantlets of <i>Oxystelma esculentum</i> R. Br.,	International Journal of Botany Studies, Vol.6, Issue 5(2021), pp 1520-1526, 2021. ISSN: 2455-541X, Impact factor RJIF 8. (Web of Science).