

## PG & Research Department of Botany

### PAPER PUBLICATION – 2022-2023

| 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.    | Sownthariya C, Shanthi P, Sathya R and Jennifer S. | Phytochemical Screening, antidermatophytic potential and GC-MS analysis of traditional medicinal plants   | <i>Research Journal of Biotechnology</i> , June 2022; Vol.17(6): 89-102.<br>Scopus, Impact factor 2   |
| 2     | Thiripura Sundari U and P. Shanthi                 | Molecular characterization and antioxidant activity of <i>Volkameria inermis</i> L.   | <i>Current Botany</i> 2022, 13: 46-52.<br>ISSN: 2220-4822<br>UGC approved   |
| 3     | Thiripura Sundari U and Shanthi P                  | Standardization and elemental determination of Therapeutic Medicinal plant <i>Volkameria inermis</i> L.   | <i>The Journal of Plant Science Research</i> , Vol 38, 2022.ISSN: 0970-2539.<br>UGC approved  |
| 4     | Priyadharshini K and Shanthi P                     | Isolation, characterization and identification of Anti-cariogenic compounds from the ethonolic extract of <i>Acmella calva</i> (DC)R.K. Jansen and its Activities | <i>Indian Journal of Natural Sciences</i> , Vol.13, Issue 74, October 2022.ISSN: 0976-0997.<br>Impact factor 1.988<br>UGC approved              |
| 5     | Priyadharshini K and Shanthi P                     | Anticariogenic activity of steroid phyto compound isolated from <i>Acmella calva</i> (DC)R.K. Jansen  | <i>Asian Journal of Pharmaceutics</i> , Jan-Mar 2023, 17(1), 103-109.<br>UGC approved   |

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|---|---|--|--|
| 6 | Anushya S and Shanthi P   | Pharmacological and Phytochemical Screening and Evaluation of in vitro anticancer potential of traditional medicinal plant <i>Morinda umbellata</i> L. leaf extracts on human breast carcinoma MCF-7 cell line | <i>Research Journal of Biotechnology</i> , December 2022; Vol.17(12): 111-117.<br>Scopus, Impact factor 2                              |
| 7 | Anushya Sankar, Shanthi Periyasamy and Sownthariya Chandrabalan | <i>In vitro</i> Evaluation of Antioxidant property, Chemo-Profiling, Elemental analysis of <i>Morinda umbellata</i> L.   | <i>Int. J. Phar. Investigation</i> ; 12(4): 423-429. Oct-Dec 2022.<br>Scopus<br>Impact factor 5.78                                     |
| 8 | Revathi M and Manonmani R                                       | GC-MS Analysis of Ethanolic seed extract of <i>Hygrophila auriculata</i> (SCHUM)HEINE.   | <i>Global Journal for research Analysis</i> , Volume-12, Issue-05, May-2023. ISSN No. 2277-8160.DOI: 10.36106/gjra.<br>UGC Approved    |
| 9 | Asha Monica A and Auxilia A                                     | Identification Palm varieties based on the DNA barcoding using <i>mat K</i> gene   | <i>Research Journal of Agricultural Sciences</i> , Vol.14, Issue 02, March-Apr 2023 2022. ISSN: 0976-1675. Pp-509-511.<br>UGC approved |