

PG and Research Department of Zoology
Publications 2022 – 2023

- Roshan Safeeha, A., **Horne Iona Averal** and S. Elavarasi. July, 2022. Antibacterial activity of synthesized silver nanoparticle from polyherbal extract against human pathogens. *Trends in Sciences*, 19(13), 4643. <https://doi.org/10.48048/tis.2022.4643> ISSN 2774-0226 (Online) (Scopus) E-ISSN: 2774-0226
- M. Nithya and **Horne Iona Averal** 2022. Identification and Comparison of possible epitope designed targets using in-silico techniques for Corona virus. *International Journal of Innovative Research in Technology*, Volume 8 Issue 8 January Impact factor 5.87
- M. Nithya and **Horne Iona Averal** 2022. Identification and Comparison of possible epitope designed targets using in-silico techniques for Corona virus. *Journal of Emerging Technologies and Innovative Research*, Volume 9, January 2022, Impact factor 7.95
- M.V. Gayathri and **Horne Iona Averal**. 2022. Diversity of spiders (Arachnida: Area) is tropical butterfly conservatory, Tiruchirappalli, Tamil Nadu, South India. *International Journal of Ecology and Environmental Sciences*. Online ISSN 2664-7133, Print 2664-7133
- **Sujatha Ilangoan**, Jesintha, **Bhorgin Lourdu Mary**, **Pandilakshmi** (2022). Value addition to livestock excreta and fish waste through vermicomposting. *Journal of Veterinary and Animal Science*, 53(4): 509-515.
- **Sujatha Ilangoan** and Thomas Mary. T. (July, 2022). Effect of potassium silicate, vermicompost and urea on seven growth parameters in *Abelmoschus esculentus*. *Advances in Zoology and Botany*, 10(3): 57-63. ISSN: 23331-5083(Print), ISSN: 2331-5091 (Online). DOI: 10.13189/azb.2022.100303.
- Anita Margret A, Nivetha I , **Avila Jerley A.** and Aishwarya S. (2022). Subtilisin an Eminent Microbial Product as a Potential Skin Care Regulator of Melanogenesis –A Paradigm Synchronized With In Vitro / In Silico Approach. *Journal of Microbiology Biotech Food Science*.
- **M. Rajathi D Modilal**, Hema. R, Azhagu Saravana Babu. P & Anandan. R (2022). Effect of methanolic extract of *Boerhaavia diffusa* stem on struvite crystals - an in vitro study. *International Journal of Zoology and Research (IJZR)* Vol. 12, Issue 1, 13–18. ISSN (P): 2278–8816; ISSN (E): 2278–8824.
- **M.Rajathi, D.M.** and Viji, M., (2022). Gene Expression of UMOD in the Blood of Patients with Chronic Kidney Disease. Proceedings on, “Insights into the current scenario of natural resources in India”, Published by Biodiversity Conservation Foundation Trichy, India, 71-83.
- **M.Rajathi, D.M.**, Albina, S. and Mayavathi, M., (2022). In-vitro Analysis of *Premna latifolia* Leaves Against Kidney Stones. Proceedings on, “Insights into the current scenario of natural resources in India”, Published by Biodiversity Conservation Foundation Trichy, India, 99-115.

- Revathi, G., **Elavarasi, S** and Saravanan. K. December, 2022. Antidiabetic, Hepatoprotective and Antihyperlipidemic effect of polyherbal drug in streptozotocin induced hyperglycemic rats. Indian Journal of Natural Sciences, 13(75): 51323-51336. ISSN: 0976 – 0997. **(UGC approved; Scopus)**
- Revathi, G., **Elavarasi, S** and Saravanan. K. October, 2022. Hypoglycemic and Antioxidant Activity of Traditionally used Polyherbal Drug to Treat Diabetes in Kolli Hills. Indian Journal of Natural Sciences, 13(74): 48346-48355. ISSN: 0976 – 0997. **(UGC approved; Scopus)**