

PAPER PUBLICATION -2022-2023

S.NO.	NAME OF THE STAFF	TITLE OF THE PAPER PUBLISHED	PUBLICATION DETAILS
1.	A. Agila J. Rosaline Vimala M. Stella Bharathy S. Margrat Sheela	In vitro Pharmacological Activities of <i>Delonix Elata</i> Extract Mediated Zinc Oxide Nanoparticles	Oriental Journal of Chemistry, ISSN: 0970-020 X, 38 (4), 2022, 1037-1046, August 2022. (WOS)
2.	A. Agila J. Rosaline Vimala M. Stella Bharathy S. Margrat Sheela	Anti-Oxidant and Anti-Cancer Activities of Biogenic Synthesized Copper Oxide Nanoparticles	Biomedical and Biotechnology Research Journal, ISSN: 2588-9842, 6,2022,341-348, September 2022. (SCOPUS and WOS)
3.	A. Agila J. Rosaline Vimala M. Stella Bharathy S. Margrat Sheela	Inhibitory Effect of Basella alba-Mediated Zinc Oxide Nanoparticles against the Infection-Causing Bacteria,	Biomedical and Biotechnology Research Journal, 6,2022,353-359, September 2022. (SCOPUS and WOS)
4.	A. Leema Rose S. Vidhya F. Janeeta Priya	Corrosion inhibition activity of isolated from <i>Andrographis echiodides</i> leaves	Oriental Journal of Chemistry, ISSN: 0970-020 X, 38(5),1276-1283, October 2022. (WOS)
5.	A. Leema Rose	Investigating the effect of dimethyl dioxirane as oxidising agent in the degradation of rhodamine.B	Research Journal of Chemistry and Environment, 26(10), October 2022. (UGC)
6.	A. Leema Rose S. Vidhya F. Janeeta Priya	Invitro antioxidant and antimicrobial activity of isolated flavonoid from the	International Journal of Zoological Investigations, ISSN: 2454-3055, 8, 302-311, October 2022. (WOS)

		methanolic extract of <i>Spermacoce hispida</i> leaves	
7.	J. Felicita Florence R. Kanmani J. Amala Infant Joice	Study on the effect of Lawsone as complexing agent in the electroless Zn-P deposition	Oriental Journal of Chemistry, ISSN: 0970-020 X, 38(2),388-398, April 2022. (WOS)
8.	J. Felicita Florence	A study on the effect of Lawsone isolated from Lawsonia inermis linn leaf extract on Ni-W-P alloy electroless deposition	Research Journal of Chemistry and Environment, ISSN:, 26 (9),September 2022. (UGC)
9.	M. Kavitha R. Kanmani S. Philomina Mary	Biogenic Synthesis of Copper Oxide and Zinc Oxide Nanoparticles Using <i>Catharanthus Roseus</i> L. Flower Extract and Evaluation of its Antioxidant and Antibacterial Properties	Oriental Journal of Chemistry, ISSN: 0970-020 X, 38(5),1320-1327, November 2022. (WOS)
10.	J. Amala Infant Joice	Phytochemical analysis of important lettuces available in south Indian region.	Oriental Journal of Chemistry, Vol.38. No(6):Pg. 1396-1403, Dec 2022, ISSN: 0970-020X, .(WOS)
11.	Dr.J.Felicita Florence	Electroless Ni-W-P alloy deposition on mild steel using Lawsone as complexing agent	Oriental Journal of Chemistry, Vol.38, No. (6), Pg.No: 1489-1497, Dec 2022.ISSN: 0970-020X; .(WOS)
12.	Dr. V. Priya Ms. V. Priya Roseline	Evaluation of In Vitro Antioxidant Activity of Biological and Polymeric synthesized CuO NPs	Stochastic Modeling and Applications Vol. 26 No. 3 (January – June, Special Issue 2022 Part – 9) ISSN: 0972-3641 (UGC) Page 518 - 523
13.	Dr. V. Priya	Mechanistic Investigation of the Oxidation of Aliphatic Aldehydes by N-Chloroisonicotinamide in Dimethyl sulfoxide medium	International Journal of Recent Scientific Research Vol 14 (1) January 2023 ISSN: 0976-3031 (UGC)

14.	Dr. V. Priya	In Silico N-Chloropicolinamide and Ascorbic acid Molecular Docking with 1HD2 Protein	International Journal of Zoological Investigations Vol. 9.SPL ISSUE January 2023 ISSN: 2454-3055 Web of Science
15.	Dr. R. Kanmani Dr. M. Kavitha	Antiuro lithiatic activity of biogenically Synthesized silver nanoparticles using the stem bark extract of Hybanthus enneaspermus (L) f. Muell	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), February, 2023, 12(2): 724-737, ISSN: 2277-4998. (UGC)
16.	Dr. J. Rosaline Vimala	Isolation and Characterisation of Flavanoids(Rutin) from the Roots of Cadaba aphylla(Thunb) and Adenia glauca of Potential in Anti-oxidant activity	Oriental Journal of Chemistry, Vol.38, issue 6, pages:1404-1413,Dec 2022, ISSN: 0970-020 X.(WOS)
17.	Dr. J. Rosaline Vimala	Phytochemical Analysis in Roots and tubers of Botswana Medicinal Plants- <i>Solanum aculeastrum dunal</i> , <i>Elephantorrhiza elephantina</i> , <i>Cadaba aphylla(Thunb)</i> and <i>Adenia glauca</i>	Rasayan Journal of Chemistry, Vol. 16, Issue 1, Pages:1-8, January-March 2023, ISSN:0974-1496(UGC, Scopus)
18.	Dr. J. Rosaline Vimala	Development and Validation of an RP-HPLC Method for the Quantification of selected anti-cancer standards (Rutin, Chrysin, Piperine and Berberine) in Botswana Medicinal Plants	Analytical and Bioanalytical Chemistry Research, Vol 10, issue 2, Pappes:227-236, April 2023. (UGC CARE, Scopus)
19.	A. Leema Rose S. Vidhya F. Janeeta Priya	Biogenesis of Metal Nanoparticles and its Potential Targeted Drug Delivery Systems for Urolithiasis	International Journal of Zoological Investigations Vol. 8, Spl 1, 23-28, Dec 2022. (Web of Science)
20.	Dr. A. Tony Elizabeth	Green synthesis of value-added nitrogen doped carbon quantum dots from Crescentia cujete fruit waste for selective sensing of Fe ³⁺ ions in aqueous medium	Inorganic Chemistry Communications. Volume No.149 March 2023, 110427 https://doi.org/10.1016/j.inoche.2023.110427 Impact factor 3.428 Elsevier- Scopus

21.	Dr. Leema Rose. A	A Comparitive analysis of antioxidant activities in Caralluma indica stem, Phoenix pusilla leaves and Sansevieria roxburghiana leaves extracts	Asian Journal of Organic and Medicinal Chemistry, Vol.7 No.2 (April-June, Special Issue-I 2022) ISSN Online: 2456-8937
22.	Dr. Leema Rose. A	Caralluma indica stem, Phoenix pusilla leaves and Sansevieria roxburghiana leaves extracts as Green Corrosion Inhibitors for Mild steel in acid medium.	Asian Journal of Organic and Medicinal Chemistry, Vol.7 No.2 (April-June, Special Issue-I 2022) ISSN Online: 2456-8937
23.	Dr. Leema Rose. A	Green Corrosion inhibitor and adsorption characteristics of Caralluma indica stem extract on mild steel in acid medium	European Journal of Molecular & Clinical Medicine (EJMCM) ISSN: 2515-8260 Volume 10, Issue 01, 2023 (Web of Science)
24.	Dr. Leema Rose. A	Anticorrosive activity of Phoenix pusilla leaves extract on Mild steel in Hydrocholric acid medium	European Journal of Molecular & Clinical Medicine (EJMCM) ISSN: 2515-8260 Volume 10, Issue 01, 2023(Web of Science)
25.	Priya Roseline.V & Priya .V	Antidiabetic potential synthesised Copper Oxide Nanoparticles using Biological and Polymer Functionalized method mediated by Sarcostemma acidum stem extract	Oriental Journal of Chemistry, Vol.39, issue 2, April 2023, ISSN: 0970-020 X.(Web of Science)
26.	Dr. J.Amala Infant Joice	Solar Photocatalytic Degradation of Rhodamine-B Dye Using Lettuce Extracted TiO ₂ Nanoparticle	Oriental Journal of Chemistry, Vol.38. No(5):Pg. 1148-1155, 2022, ISSN: 0970-020X, .(Web of Science)
27.	Dr. J. Amala Infant Joice	In Vitro Alpha Amylase and Alpha Glucosidase Inhibitory Activity of Importance Lettuces from South Indian Region	International Journal of Zoological Investigations, Vol.9, Special Issue 1, Pg.39-45, 2023, ISSN: 2454-3055, (Web of Science).

BOOK PUBLISHED

S. No.	Name of the Faculty Member	Name of the Book	Name of the publisher	Year of Publication	ISBN No.
1.	V. Priya V. Priya Roseline	A compilation of Research Works in Chemical Kinetics	Iterative International Publications	2022	978-93-92591-51-8

BOOK CHAPTERS PUBLISHED

S. No.	Year	Name of the Faculty	Name of the publisher	Book Name	Chapter Title	ISBN No.
1	September-2022	F. Janeeta Priya A. Leema Rose S. Vidhya	BP International	Challenges and Advances in Pharmaceutical Research (Volume-8)	Anti-proleferative effect on breast cancer cell line via novel biogenic peptide functionalized silver nanoparticles from alion	978-93-5547-807-8
2	February 2023	P. Pratheema and L. Cathrine	BP International	Current overview on Pharmaceutical sciences	Identification, quantification, validation and characterization of stigmaterol using HPTLC and its antiarthritic activity	978-81-19039-98-2