

**PAPER PUBLICATION -2021-2022**

<b>S.NO.</b>	<b>NAME OF THE STAFF</b>	<b>TITLE OF THE PAPER</b>	<b>PUBLICATION DETAILS</b>
1.	A.Leema Rose F.Janeeta Priya S.Vidhya	Sustainable synthesis of Gold nanoparticles and its antidiabetic activity of Anacardium Occidentale Root Extract	Oriental Journal of Chemistry, Vol.37 No.(2), ISSN: 0970-020X, pg.374-379, Nov-2021.
2.	A.Leema Rose Preeja.P.Thattil	High Photocatalytic performance of modified Bismuth Oxychloride Semiconductor under sunlight	Oriental Journal of Chemistry, Vol.37. No(4), ISSN: 0970-020X, Sep-2021,Pg:770-778.
3.	A.Leema Rose B.Shahushree Preeja,P.Thattil	Structural characterization, Antimicrobial and Antioxidant assay of Biogenically synthesized Maghemite (Y-Fe <sub>2</sub> O <sub>3</sub> ) Nanoparticles	Journal of Pharmaceutical Research International, Vol.33 (43B) - 32-41, ISSN: 2456-9119, Sep-2021, Pg:32-41.
4.	A.Leema Rose S.Vinotha	Congo Red and Nigrosine dye degradation using Dimethyl Dioxirane as an oxidizing agent	Oriental Journal of Chemistry, Vol.37. No(4), ISSN: 0970-020X, pg. 1221-1228, Nov-2021
5.	F.Janeeta Priya Dr.A.Leema Rose S.Vidhya A.Arputharaj S.Akshana U.F.Rameez	A new frontier drug development in Nanomedicine and its anti-urolithiatic activity of kalanchoe pinnata	Oriental Journal of Chemistry, Vol.37. No(2), ISSN: 0970-020X, Apr-2021,Pg:444-449.
6.	M.Subalakshmi and V.Priya	In-vitro antimicrobial activity of N-Chloro picolinamide	International Journal of Biology, Pharmacy and Allied sciences, Vol 10(5) ISSN: 2277-4998, May-2021,Pg: 1542-1546.
7.	M.Subalakshmi and V.Priya	In-vitro anti-inflammatory and anti-oxidant activity of N-Chloropicolinamide	Journal of Advanced scientific Research ,Vol 12(2),ISSN: 0976-9595, June-2021,pg:153-156.

8.	V.Priya M.Subalakshmi V.Priya Roseline	Synthetic utility of N-chlorosuccinimide in oxidation of isatin in aqueous acetonitrile medium-A kinetic and mechanistic study	International Journal of Biology, Pharmacy and Allied sciences, Vol 10(12)ISSN: 2277-4998, Dec-2021,Pg: 4601-4608.
9.	J.Morris Princey N.Nandhini G.Poojadevi S.Nobil Divya	Antimicrobial Activity & Physicochemical analysis of Bio-degradable films from Cucurbita pepo and Musa Paradisiaca	Oriental Journal of Chemistry, vol 37(6), ISSN : 0970-020X. Dec – 2021, Pg:1434-1439
10.	R.Kanmani and P.Irudaya Irin Scleeva.	Antioxidant and diabetic activities of Biologically synthesized silver nanoparticles using Linum usitatissimum extract	Oriental Journal of Chemistry, Vol.37(5), ISSN:0970-020X, September-2021, Pg: -1235-1241.
11.	M.Stella Bharathy, J.Rosaline Vimala and A.Agila	Potential use of Copper Oxide nanoparticles from Solanum trilobatum against pathogenic bacteria.	Oriental Journal of Chemistry, Vol 37(4),ISSN : 0970-020X, Aug 2021, Pg 991-996,
12.	M.Stella Bharathy, J.Rosaline Vimala and A.Agila	Comparison of anti-inflammatory activities of biogenic Gymnema sylvestre and Panicum sumatrense-mediated Titanium dioxide nanoparticles	Biomedical & Biotechnology Research Journal, Vol 5(4) ISSN: 2588-9842, December-2021, Pg.405-411,
13.	V.Priya Roseline Dr.V.Priya	Assessment of anti-inflammatory activity of Copper oxide nanoparticles from Sarcostemma acidum stem extract	International Journal of biology Pharmacy and allied Sciences, Vol 10(9), ISSN: 2277-4998, Special issues 2021,pg. 481-488,
14.	S.Margrat Sheela and Dr.J.Rosaline Vimala	Proximate analysis, Antioxidant property and cytotoxicity assessment of Psederanthemum reticulatum leaves	Oriental Journal of Chemistry, Vol.37(4) ISSN:0970-020X, August-2021,pg. 984-990

15.	F.Femina, H.Asia Thabassoom and J.Felicita florencia	Photocatalytic Reduction of Methyl Orange, Antibacterial and Antibreast cancer activities of Biogenic silver nanoparticles synthesized from Beta vulgaris extract	Asian Journal of Chemistry, Vol.33(12), ISSN: 0970-7077, Dec- 2021,Pg:2993-2998.
16.	J.Felicita Forence H.Asia Thabassoom and S.Auxilia Ruby	Biosynthesis of Beta vulgaris mediated ZnO nanoparticles and their Anti-Bacterial, Anti-Fungal, Anti-Diabetic and Anti-Cancer Activities	Oriental Journal of Chemistry, Vol.37(4), ISSN:0970-020X, July-2021,Pg:388-398.
17.	J. Amala Infant Joice, J. Felicita Florence and R. Kanmani	Synthesis, characterization and photocatalytic activity of potassium titanate nanocatalyst	,Applied Nanoscience ISSN: 02117-02124, February 2022
18.	A. Leema Rose and Preeja P. Tattil	Fabrication and structural characterization of Sr SiO <sub>3</sub> /TiO <sub>2</sub> photocatalyst for degradation of congo red dye under sunlight	RASAYAN journal of chemistry, Vol.15(1), ISSN: 0974-1496, pg:651-658, March 2022.
19.	J. Felicita Florence,R. Kanmani and J. Amala Infant Joice	A study on effect of Lawsone as complexing in the electroless phosphorus deposition	Oriental Journal of Chemistry, Vol.38(2), ISSN:0970-020X, April-2022, Pg: 388-398.
20.	A. Tony Elizabeth	Magnetic nanocomposite fabrication using banana leaf sheath biofluid: Enhanced Fenton catalytic activity towards tetracycline degradation	Inorganic chemistry communications, 141,ISSN: 1387-7003,3 May 2022, pg: 1-10

**BOOK CHAPTER PUBLISHED:**

S. No.	Year	Name of the Faculty	Name of the publisher	Book Name	Chapter Title	ISBN No.
1.	2021-2022	J. Rosaline Vimala	B P International	Current Perspectives on Chemical Sciences, vol.11, ISBN : &	Isolation, Characterisations of Bioactive Principles from <i>Melia dubia</i> Leaf and its In-silico and In-vitro Urolithiatic Activity	978-93-90888-69-6
2.		M. Stella Bharathy J. Rosaline Vimala A. Agila	Integrated Publications	Advances in Chemical Sciences (Volume-3)	Potential Use of Copper Oxide Nanoparticles from <i>Solanum trilobatum</i> Against Pathogenic Bacteria	978-93-93502-80-3
3.		S. Vidhya, A. Leema Rose & F.Janeeta Priya	B P International	Challenges and Advances in Chemical Science, vol.5,	Determination of <i>Gomphrena serrate</i> leaf extract as corrosion inhibitor and reductant for the synthesis of carbon Nanoparticles	e-Book ISBN : 978-93-91595-93-7
4.		Dr. J. Morris Princey	BP International	New innovations in Chemistry and Biochemistry ,Vol 2	Study of <i>Amoophophallus paeonifolius</i> and <i>manihot esculanta</i> as bioplastic using glycerol and agar agar as plasticizers: an experimental assay	Print ISBN: 978-93-91-882-28-0 E-book ISBN: 978-93-91-882-38-9

5.		Dr. R. Kanmani and Dr. M. Kavitha	Wonder Book of Records	Emerging Trends in Science, Social Science, Engineering and Management- Multidisciplinary approach	Selective behavior of Aromatic Acetalstowards N-Haloamides – A kinetic approach.	978-93-5546-016-5
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