

PAPER PUBLICATION -2019-2020

| S.NO. | NAME OF THE STAFF | TITLE OF THE PAPER | PUBLICATION DETAILS |
|--------------|--|--|---|
| 1. | Ms. Kalaiselvi. B, Dr. Kanmani.R, Dr. Felicita Florence. J, Dr . Amala Infant Joice J | Synthesis and antimicrobial studies of copper nanoparticles from <i>Costuspictus</i> : Green method | Journal of Pharmacognosy and Phytochemistry 8(3), June 2019 E-ISSN: 2278-4136 P-ISSN: 2349-8234, pp:1763-1767 |
| 2. | Ms. Kalaiselvi. B, | Growth evaluation of marine microalgae <i>chlorella</i> sp. BDU G91771 in calcium rich ossein effluent –A bioremediation perspective | Asian Journal of Chemistry Vol 31, Issue 10, August 2019, ISSN 0970-7077, eISSN 0975 – 457x, pp:2316-2366, |
| 3. | Dr . Leema Rose A., | Photodegradation of Congo Red Dye via Simple and effective air oxidation using Copper(II) chloride and sunlight. | Nature, Environment and Pollution Technology, Vol 18(4), June 2019, pISSN-0972-6268, eISSN 2395 – 3434, I.F-0.146, pp:1243-1248. |
| 4. | Dr . A. Leema Rose, Dr . S. Vidhya, Ms. F. Janeeta Priya | Gommphrena serrata leaf extract as corrosion inhibitor and reductant for the synthesis of copper nanoparticles | Asian Journal of Chemistry, Vol 31, Issue 10, August 2019, pISSN 0970-7077, eISSN 0975 – 457x, pp:2306-2310. |
| 5. | Dr. Leema Rose A., | Photodegradation of Thiazine and Indigoid dyes using zinc oxide nanocatalyst coupled with air oxidation under solar irradiation | Research Journal of Chemistry and Environment, , Vol24 (1), January 2020, ,pISSN 0972-0626, eISSN 2278-4527, I.F-0.636, pp:24-33. |
| 6. | Dr. Leema Rose A. Preeja Thattil and S. Vinotha | Degradation of methylene blue dye using dimethyldioxirane as oxidising agent | International Journal Of Scientific & Technology Research Volume 9, Issue 03, March 2020, ISSN 2277-8616,pp:6761-6764. |
| 7. | Dr. Leema Rose and Preeja Thattil | Photocatalytic removal of Xanthine and diarylmethanedyes by air oxidation using TiO ₂ nanospheres under sunlight | International Journal Of Scientific & Technology Research, volume 9, issue 3, March 2020, ISSN 2277-8616, pp: 3357 – 3363. |

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| 8. | Dr. Leema Rose and Preeja Thattil | Enhanced removal of crystal violet dye using zinc oxide nanorods and air oxidation under sunlight radiation | Rasayan Journal of Chemistry, Volume13, Issue 2, January 2020, ISSN: 0974-1496(Print) · ISSN: 0976-0083(Online) pp:1166 - 1173, |
| 9. | Dr. L. Cathrine , Dr. P. Pratheema | Invitro antidiabetic activity of 2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-4H-chromen-4-one isolated from the methonolic extract of Andrographis echioides leaves | International Journal of Pharmaceutical Sciences and Research, Vol 10, Issue 8, August, 2019, e ISSN- 0975-8232, pISSN2320-5148 pp:3856-3864 |
| 10. | Dr. L. Cathrine | Qualitative and Quantitative phytochemical analysis of Costusigenus leaf extract | Journal of Pharmacognosy and Phytochemistry 8(4), , June 2019, eISSN 2278-4136, pISSN 2349-8234, pp:1595-1598. |
| 11. | Dr . V. Priya | Synthesis and characterization of N-chloropicolinamide: A new, mild, stable, effective and efficient oxidant for organic substrates | Rasayan Journal of Chemistry, Vol 12, Issue 3, September, 2019., pISSN 0974-1496, eISSN 0976-0083, I.F-1.11, pp:1493-1495. |
| 12. | Dr. V. Priya, Dr. Morris Princey. Dr. Kavitha M | A review on recent progress in the synthetic utility of N-halo compounds and their biological significance | International Journal of Innovative Science, Engineering & Technology Vol 6, issue 12, December 2019, eISSN 2398-2780, I.F-6.298 |
| 13. | Dr. J. Rosaline Vimala , Ms. S. Margrat Sheela | An ecofriendly natural indicator from Musa acuminata fruit peel extract for acid-base titration | International Journal of Scientific Research and Review, Vol 8 Issue 5 2019, eISSN 2279-054, I.F-1.536, pp:338-344. |
| 14. | Dr. J .Rosaline Vimala and S. Irudaya Monisha | Phytocompounds Investigation, Isolation of Flavan-3-ol from the stem of Manilkarahexandra(Roxb) Dubard and its potential in antioxidant | International Journal of Scientific & Technology Research, Vol 8 Issue 8 August 2019, eISSN 2277-8616, I.F-7.466,pp:1482-1488. |
| 15. | Dr. J. Rosaline Vimala and G. Dayana Jeyaleela | Isolation, Characterization, Molecular Docking and Invitro studies of Inhibitory effect on the growth of Struvite crystal derived from Meliadubia leaf extract | Asian Journal of Chemistry, Vol 31, Issue 11, September, 2019, eISSN 0975-427x, pp:2628-2634. |

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| 16. | Dr. J Rosaline Vimala and S. Irudaya Monisha | Characterisation and hypoglycemic study of isolated natural polymer from the stem of Manilkarahexandra(Roxb), dubard | Internation Journal of Applied Pharmaceutics, vol 11, issure4, July-August 2019, ISSN: 0975-7058,pp:206-213. |
| 17. | Dr. J Rosaline Vimala and G. Dayana Jeyaleela | Preliminary Phytochemical Analysis, antioxidant Activity and Identification of Bioactive Compound in stem and leaf of Combretum Ovalifolium | International Journal of Scientific and Technology Research, vol8, issue 3, March 2020, ISSN 2277-8616 pp:3125-3132 |
| 18. | Dr. J. Felicita Florence and H. Asia Thaboosam | Electroless nickel deposition on mildsteel using Lawsone isolated from Lawsonia inermis.Linn leaf | The International journal of analytical and experimental modal analysis Volume XII, Issue III, March/2020 ISSN NO:0886-9367,pp:2108-2121. |
| 19. | Dr. J. Felicita Florence and F. Femina | Biological synthesis of nickel nanoparticles by (Beetroot) extract and its antimicrobial activity against human pathogens | The International journal of analytical and experimental modal analysis Volume XII, Issue III, March/2020 ISSN NO:0886-9367,pp:2108-2121,Pp:2169-2178. |
| 20. | Dr. J Morris Princey | Corrosion inhibition of 3- hydroxy flavone on aluminium metal in the presence of halide ions in NaOH medium | International Journal of Innovative Science, Engineering & Technology, p 263-273, Vol 7, Issue 1, January 2020, eISSN 2348-7968, I.F-6.248 |
| 21. | Ms. B. Kalaiselvi, Dr. J. Felicita Florence, Dr. R. Kanmani, Dr. J. Amala Infant Joice, A. Motcha Rackini and A. Mary Arul Rosaline | Studies on Extraction and Estimation of Biodiesel Parameters in Six Cyanobacteria Strains | International Journal of Research in Ayurveda and Pharmacy 11(3), June 2020 ,pp:52-57. |

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| 22. | Dr. A. Leema Rose | Photocatalytic Removal of Xanthene and Diaryl Methane Dyes By Air Oxidation Using Tio2 Nanospheres Under Sunlight | International Journal of Scientific & Technology Research Volume 9, Issue 04, April 2020, p 3357 – 3363, (Online) |
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