

Mrs.K.Jayanthipriya



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Educational qualification:

- 1.B.Sc., Bio Chemistry, 2014, Sakthi college of arts and science for women, Oddanchatram., Mother Teresa Women's university, 71% (I class with distinction)
2. B.Ed(education),2015, Sakthi college of education, Oddanchatram, Tamil Nadu Teacher education university.,77.4% (I class with distinction)
3. M.Sc. (Chemistry), 2017, Sakthi college of arts and science for women, Oddanchatram., Mother Teresa Women's university, 75.2% (I class with distinction)
4. M.Phil. (Chemistry), 2018, Sakthi college of arts and science for women, Oddanchatram., Mother Teresa Women's university, 79.2% (I class with distinction and University II rank)

Teaching areas :

- 1.Organic chemistry
- 2.Inorganic chemistry
- 3.physical chemistry

Research interests:

- 1.Nanosceince
- 2.Green chemistry
- 3.Metal toxicology

Experience:

Rev. Jacob memorial Christian college, Ambilikkai, Department of Biochemistry, September 2020- September 2023(Still Working)

Total number of publications:

6

1. k.Jayanthipriya¹, R.Thenmozhi², (Green synthesis and characterization of silver nanoparticles from *Manilkara Zapata* leaf extract), Journals of science, humanities and management (JAC), ISSN:2347-9868-Volume-5 No-I,2019.(Book)
2. R.Thenmozhi¹ ,M.Makeswari² ,A.Sahaya Raja³ k.Jayanthipriya⁴ Literature Investigations of pollution removal using low cast adsorbents Advancements of engineering and management,Mangalam Publication Delhi-110053 ISSN:2347-9868-Volume-5 No-

l,2021.(Book)

3. R.Thenmozhi¹, k.Jayanthipriya² Green synthesis of silver Nano particles from Jasmine multiform leaf extract and evaluation of antioxidant activity publication of journal of applied and computation-ISSN NO:0022-1945,2021.(journal)
4. Cinna Rja Renukadevi^{a,1}, Srinivasan Ayyanaar ^{b,1}, Mookkandi Palsamy Kesavan^c, Chidanbaram Umamaheswari^a, Ramasamy Thenmozhi^d, Kalimuthu Jayanthipriya^d, Reactive oxygen species responsive magnetic polylactic co-glycolic acid microspheres: In vitro drug release studies. Materials today communication-2023

Total number of paper presentation:

3

1. National conference on Utilization of Advanced Techniques in Medicinal Plants Research And Raw Drug Quality Assessment . 16th December, 2021–Biosynthesis of silver nanoparticle from Manilkara zapota leaf extract

2. Two days International Conference on Recent advances in chemistry 2021, 25th and 26th November 2021., Recent advances in chemistry Mother Teresa women's university kodaikanal

2. National conference on Utilization of Advanced Techniques in Medicinal Plants Research And Raw Drug Quality Assessment. 16th December, 2021 – Anti-Ulcerogenic activity of Flavonoid leucocyanidin