



Name : Mrs. T Poongodi
Designation : Assistant Professor
Department : Physics
Qualification : M.Sc., M.Phil, (Phd)
Experience : Teaching - 9 years
Research : 4 Years
Area of Specialization(s) : Nano Science & Nano
Technology
Email (Official ID) : poongodit@psgrkcw.ac.in



Academic Qualification

Degree	Branch	Institution/University Name	Year of Graduation
Ph.D.	Physics	PSGR Krishnammal College For Women	-
M.Phil.	Physics	Bharathiar University	2012
M. Sc.	Physics	Chikkaiah Government Arts and Science College	2010
B.Sc.	Physics	Chikkaiah Government Arts and Science College	2008

Additional Qualification

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/Agency Name	Year
Certification	Coursera	Introduction to Materials Science	2026
Certification	Coursera	Material Processing	2025
Certification	Coursera	Electrodynamics: An Introduction	2025
Certification	Coursera	Quantum Mechanics	2025
Diploma	Nano Technology	Bharathiar University	2010

Research Publications (Indexed)

1. Reduced graphene oxide nanoplatelets derived from the *Ziziphus mauritiana*: Bio-mediated synthesis and antimicrobial and anticancer activities, Thirumorthy Poongodi, Manickam Paulpandi, Krishnamoorthy Kavithaa, Giriraj Kalaiarasi, Rajapandian Rajaganesh, Sangeetha Dhayalan, Veerapandiyan Ramabhai, Chandran Sharmila, Biocatalysis and Agricultural Biotechnology, Volume 56, February 2024.
2. Anti-cancer Potential of Biosynthesised of Zinc Oxide Nanoparticles against Human Breast Cancer Cells (MCF-7).

Other Publications: International/National

1. Chemical Composition, Cytotoxicity, and Molecular Docking Analyses of *Ziziphus Mauritiana* Extracts and its Apoptotic Induction in Human Breast Cancer Cells (MCF-7).
2. Exploring Agrivoltaics- Concepts, Impacts, Challenges and Future Prospects with a Focus on India's Emergence.

Paper Presentations in Conference - 7

Participation in Conference - 10

Participation in Workshop - 8

Participation in Faculty Development Programme - 5

Participation in Webinar - 7

Conference/Seminar/Workshop Organized - 6

Contribution

- Acting as a I-STEM Coordinator since 2022 onwards
- Acting as a Manager for Criteria-I since 2023 onwards
- Department Association In-charge (2022-23)
- Department BOS In-charge (PG)
- Acted as an PG Admission Coordinator (2023-24), (2025-26)