



**Name** MARIASTEFFI.S  
**Designation** Assistant Professor  
**Department** Physics  
**Date of Birth** 04.03.1993  
**Date of Appointment** 06.07.2021

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### Academic Qualification

S. No.	Degree	University / Instituion	Year of Completion
1.	B.Sc.,	Jayaraj Annapackiam College For Women, Mother Teresa Women's University, Periyakulam, Theni, Tamil Nadu	2014
2.	M.Sc.,	Jayaraj Annapackiam College For Women, Mother Teresa Women's University, Periyakulam, Theni, Tamil Nadu	2016
3.	M.Phil.,	Jayaraj Annapackiam College For Women, Mother Teresa Women's University, Periyakulam, Theni, Tamil Nadu	2017

**Total Experience:**

4 Years & 3 months

**Professional Affiliation:**

Member of Women Cell (2017 - 2021)

Member of Career Guidance Cell (2017 - 2021)

Member of Entrepreneurship cell (2017 - 2018)

NSS Staff Adviser (2021 - 2022)

Attendance Assistant (2021 - 2022)

**Area of Specialization:** Dye Sensitized Solar Cell**Paper Presentation:**

1. "Polymer based solar cell with the extract of beetroot dye and cadmium telluride quantum dots" in the International Conference, SRM University, Kattankulathur, Chennai, August 2017.
2. "Fabrication and Study of Dye Sensitized Solar Cell using Perilla foliage extract" in the International Conference, K.S.R. college for Arts and Science for Women, Tiruchengode, August 2018.
3. "Fabrication of Dye Sensitized Solar Cell using bougainvillea flower extract" in the National Conference, Gandhigram Rural Institute (Deemed to be University), Gandhigram, January 2019.

**Publications**

1. S.Mariasteffi, A.Clara Dhanemozhi, "Green synthesis of silver nanoparticles using Papaya fruit extract and its antibacterial Activities" International Journal for Research in Science Engineering and Technology,3, 6-9, (2016).
2. S.Mariasteffi, A.Clara Dhanemozhi, "Polymer based solar cell with beetroot dye and cadmium telluride quantum dots" ROOTS International Journal of Multidisciplinary Researches, 4,9, 2349-8684, (2018).

**Seminars/Conference/Workshops Participated – 22**