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Designation Assistant Professor
Department Physics
Date of Birth 04.03.1993
Date of Appointment 06.07.2021

CONTACT DETAILS

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Area of Specialization - Thin film Solar Cell and Nanoscience

ACADEMIC QUALIFICATION

S.No	Degree	Institution	Year of Completion
1.	B.Sc	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2014
2.	M.Sc	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2016
3.	M.Phil	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam	2017

EXPERIENCE

S. No	Designation	Institution	Years of Experience
1.	Assistant Professor	Cardamom Planters Association College, Bodinayakanur	2017 to 2021
2.	Assistant Professor	Jayaraj Annapackiam College for Women (Autonomous) Periyakulam	2021 to till

TOTAL EXPERIENCE

UG : 8 Years

PG : 4 Years

PROFESSIONAL AFFILIATION

- ❖ Member of Women Cell (2017-2021)
- ❖ Member of Career Guidance Cell (2017 - 2021)
- ❖ Member of Entrepreneurship cell (2017 - 2018)
- ❖ Attendance Assistant (2021-2024)
- ❖ NSS Staff Adviser (2021 to still)
- ❖ Environmental Study Committee member (2024 – 2025)

RECEIVED AWARDS

- ❖ “Kalvi Sevagar Virudhu – 2022” from Kurinji Kabilar Tamil Sangam, Namakkal.
- ❖ “Sevai Semmal Virudhu – 2022”, from Kaviyarasar Kalai Tamil Sangam, Namakkal.
- ❖ “Pasumai Vithai Semmal”, from Pasumai Vasal Foundation, Chinnalapatti, Dindigul, Tamil Nadu.

PAPER PRESENTATION

- ❖ 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.
- ❖ 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.
- ❖ Fabrication of Dye Sensitized Solar Cell using bougainvillea flower extract in the National Conference, Gandhigram Rural Institute (Deemed to be University), Gandhigram, January 2019.
- ❖ Study the Performance of CNT doped ZnO Nanoparticles in the International Conference, National College, May 2022.
- ❖ Fabrication of Dye Sensitized Solar Cell Using Cactus Fruit Extract in the 2nd International Virtual Conference, Seethalakshmi Ramaswami College, Tiruchirappalli, February 2024.
- ❖ Synthesis and Characterization of Cobalt Oxide Nanoparticles in the International Conference, Government Arts College for Women, February 2025.

PAPER PUBLICATION

Journal

- ❖ 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).
- ❖ 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).
- ❖ V. Sandhiya, S. Mariasteffi, “Green Synthesis of Zinc Oxide Nanoparticles using Tocomia Stans Yellow Bells flower extract and its Antibacterial activity” JAC JOSHAM, 12, 22347 – 9868, 2024.

Proceeding

- ❖ M. Thaslima Parveen, S. Mariasteffi, “Fabrication of Dye Sensitized Solar Cell Using Cactus Fruit Extract” 2nd International Virtual Conference on Materials Science and Applications, PG & Research Department of Physics, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli, Tamil Nadu, India.

Seminars / Conference / Workshops / Webinars Participated – 76