



**Name** : SHANMUGAPRIYA A.B  
**Designation** : Assistant Professor  
**Department** : Physics  
**Date of Birth** : 10.03.2000  
**Date of Appointment:** 16.08.2022

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#### Academic Qualification

S.No	Degree	University/Institution	Year of Completion
1	B.Sc.,	Jayaraj Annapackiam College for Women (Autonomous), Mother Teresa Women's University Periyakulam, Theni, Tamil Nadu.	2020
2	M.Sc.,	Jayaraj Annapackiam College for Women (Autonomous), Mother Teresa Women's University Periyakulam, Theni, Tamil Nadu.	2022

#### Professional Affiliation:

Member in Entrepreneur Cell (2022-2023)

Member in OSA (2022-2023)

**Area of Specialization:** Dye Sensitized Solar Cell, Photocatalytic Activity.

**Total Experience:** 1 Year

#### Paper Presentation:

1. Laser and its Applications in National Level Inter Collegiate meet at Thiagaraja College, Madurai on March 2018.
2. Capacitors and its Applications in Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.

3. Solar Cell and Dye Sensitized Solar Cell in Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.

**Achievements and certification:**

Got a JAC – Sanction of Research project under JACFRP Scheme.

Got a Merits Certificates in both M.Sc., and B.Sc., at college level.

Selected as a Best Outgoing Student.

Completed Course in Office Automation.

Completed all exams of Dakshina Bharat Hindi Prachara Sabha.

Completed Technical education.

**Papers published in conference proceedings**

1. Investigating the Structural and Morphological Variations of NiCo<sub>2</sub>S<sub>4</sub> Nanoparticle by Varying the Concentration of Thiourea, A.B. Shanmugapriya, M. Raghanila, A. Juliet Christina Mary and R. Mary Mathelane, Proceedings of the International Virtual Conference on Recent Trends in Physics (ICRTP), 16<sup>th</sup> and 17<sup>th</sup> March, 2023, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.

**Seminars / Conference / Workshop attended: 7**