

# Faculty Profile

## Personal Details

**Name:** PRIYA PARVATHI AMEENA JOSE

**Department:** Physics

**Designation:** Assistant Professor

**Date of Joining:** 07-12-2009

**Educational Qualifications:** M.Sc, M.Phil

**Professional Experience:**

**Research Interests:** Doing research on “Graphene based hybrid structures for tailored applications”

**Major and Minor Projects:** nil

**Honors and Awards :** nil

**Positions held in College:** member of the mentoring committee

**Membership in Professional Organizations:** -nil

**Publications:**

1. *Jose Priya Parvathi Ameena, M. S. Kala, Nandakumar Kalarikkal, and Sabu Thomas. "Reduced graphene oxide produced by chemical and hydrothermal methods." Materials Today: Proceedings 5, no. 8 (2018): 16306-16312.*
2. *Jose Priya Parvathi Ameena, M. S. Kala, Nandakumar Kalarikkal, and Sabu Thomas. "Silver-attached reduced graphene oxide nanocomposite as an eco-friendly photocatalyst for organic dye degradation." Research on Chemical Intermediates 44 (2018): 5597-5621.*

**Books:** nil

**Book Chapters:** nil

**Refresher and Orientation Course Attended:**

1. *Orientation Programme (IT Oriented) conducted by UGC-HRDC, University of Kerala, Kariavattom from 26-04-2011 to 23-05-2011*

2. *Refresher course in Nanosciences conducted by UGC-HRDC, University of Kerala, Kariavattom from 25-11-2015 to 15-12-2015*

**Paper Presentations in Seminars/Conferences Attended:**

1. **Priya Parvathi Ameena Jose, Kala M S**, “Dielectric performance of PMMA film reinforced with GO/Ag hybrid nanocomposites.” *National Seminar on Nanomaterials-Synthesis and Characterization, organized by Post Graduate Department of Physics, Al-Ameen College, Edathala , December 6-7, 2018.*
2. **Priya Parvathi Ameena Jose, Kala M S**, “Silver decorated rGO nanocomposite as an efficient SERS substrate.” *National Conference on Modern Trends in Research -2018 organized by Teresian Research and Consultancy Cell, St. Teresa’s College, Ernakulam, November 23, 2018.*
3. **Priya Parvathi Ameena Jose, Kala M S**, “Graphene oxide /silver hybrid as SERS substrate for detection of Malachite Green –an antifungal agent used in aquaculture.” *International Conference on Advances in Material science (ICAMS 2018), organized by Post Graduate Department of Chemistry, Sree Sankara College Kalady, Kerala, October 24-25, 2018.*
4. **Priya Parvathi Ameena Jose, Kala M S**, “Exploration of hydrothermally prepared silver attached rGO nanocomposite as a photocatalyst for methylene blue degradation.” *Annual Physics Symposium (APS), organized by Department of Physics, St. Teresa’s College, Ernakulam, December 7-8, 2017.*
5. **Priya Parvathi Ameena Jose, Kala M S**, “Silver attached reduced graphene oxide as sunlight induced photocatalyst for dye degradation.” *International Conference on Materials, Emerging Devices and Energy Efficient Technologies (MEETCON’17), jointly organized by Department of Physics and Department of Electrical & Electronics Engineering, St. Xavier’s Catholic College of Engineering, Nagercoil, Tamil Nadu, October 5-6, 2017.*
6. **Priya Parvathi Ameena Jose, Kala M S**, “Synthesis of hydrothermally reduced graphene oxide and its luminescent behaviour.” *29<sup>th</sup> Kerala Science Congress- Genomics in Health*

*and Disease, conducted by the Kerala State Council for Science, Technology & Environment, Marthoma College, Thiruvalla, Pathanamthitta, January 28-30, 2017.*