

Ms. Aradhana Dhanaraj

Assistant Professor

Area: Physics

Educational Qualification: M.Sc. (Physics), Ph.D. - Physics (Registered in 2015)

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Experience:

- Working as Assistant Professor of Physics in St. Aloysius Institute of Technology, Jabalpur from 15th July 2019.
- Worked as an Assistant Professor of Physics in St. Aloysius' College, Jabalpur from 01.09.2011 to 29.04.2013

Achievements:

- Selected for Summer Training in Physics (STIP-10) course, organized by Indira Gandhi Center for Atomic Research, Kalpakkam
- Gave an oral presentation on “Single – Walled Carbon Nanotubes and its Applications” in an International Conference on “Nanotechnology”, 2010 in St. Aloysius College, Jabalpur
- Presented a poster titled “Statistical Aspects of Radioactivity Measurements through Polymeric Thin Films” in an International conference on Environmental Challenges: A Global Concern, 2010 in Kanya Maha Vidyalaya, Jalandhar.
- Presented a poster titled “Study of refractive index of Poly (Vinyl Alcohol)” in a “2nd DAE-BRNS Symposium on Atomic, Molecular and Optical Physics

(SAMOP-2011) in Dharwad, Karnataka. This paper is published in American Institute of Physics journals

- Participated in Physics Olympiad Exposure Camp, Sept 2011 held at Homi Bhabha Center for Science Education, Tata Institute of Fundamental Research, Mumbai.
- In the capacity of Assistant Professor, St. Aloysius College, Jabalpur, conducted educational trip to Kolkata in 2012.
- Guiding research students in dissertation, minor research projects and certificate courses.
- Presented a poster titled “Image Analysis Aided Microstructural Studies of Fullerene C₆₀ Doped Poly (Methyl Methacrylate) Nanocomposites” in an International conference SCICON-2016 in Amrita Vishwa Vidyapeetham University, Coimbatore.
- Gave an Oral Presentation on the paper titled “Application of Rhodamine doped Poly(methyl methacrylate) as Biocompatible Lenses” in a National Conference on “Innovations in Bioinspired Smart Materials for Sustainable Development of Environment (IBSMSDE)-2017” in St. Aloysius College, Jabalpur
- Internal Resource person in a national workshop on “Advanced Research Instrumentation Techniques in Material Science-2018” in St. Aloysius College, Jabalpur