

Name:

Prof.Archana Shamkant Mirashi

Designation:

Assistant Professor

Contact Details:

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Educational Qualifications:

- M.Sc. Physics (Electronics and Telecommunications), Mumbai University, Mumbai, 1994
- B.Sc. Physics, Mumbai University, Mumbai, 1992
- Diploma in Digital Electronics and Microprocessors, ITES, Mumbai, 1991
- Post Graduate Program in Sustainable management of Natural Resources and Nature Conservation”, Ecological Society, Pune

Experience:

- Teaching: 25 Years

Research Interests:

Environment related,

Consultancy (Aspiring):

Environmental related

Number of Publications:

International Journal:02

International Conference:02

National Conference:02



Number of Books / Book chapters Published: 01

Recognition/ Awards:

- Certificate of Excellence in ISTE workshop on Solar Photovoltaics: Fundamentals, technologies and Applications
- Video on 'Charity begins at home' and 'Nature and Me' recognized by GOI under Swachh Bharat Abhiyaan and TAA Sagarmitra respectively.
- Instrumental role in winning third prize in Green Campus Clean campus trophy contest organized by Kirloskar Vasundhara Foundation
- Instrumental role in Carbon footprint calculations of college campus which gained recognition to our college and got mentioned in Carbon neutrality handbook on Carbon Neutrality
- Special appreciation by "Jeevitnadi" an NGO, for contribution in river rejuvenation related activities

Number of Workshops organized: 07

Number of Conferences / Seminars organized: 04

Number of FDPs / STTPs attended: 09

Number of Workshops attended: 15

Number of Conferences / Seminars attended: 6

Number of Webinar attended: 03

Number of times served as a Resource Person: 02

Number of times served as a Reviewer / Judge: 02

Details of Research papers published:

- "Review of Energy efficient Cooling techniques based on various evaporative cooling systems" published in International Journal of Recent advances in Engineering and Technology (IJRAET) in volume 4 Issue 8 in year 2016
- Biogas and Marine board from Waste green leaves" in International Journal of Environmental research

Details of books / book chapters published:

- Engineering Physics text book for Nagpur University by Tech-Max publications

Details of FDPs / STTPs attended in last 5 years:

- 5-days offline FDP on Universal Human Value- II, 2nd- 6th Aug'2022 conducted by AICTE
- 5-days online Introductory FDP on Universal Human Values from 4th – 8th April 2022
- One-day workshop on “How to conduct Student Induction Program” conducted by AICTE on 20th Sept'21
- One week STTP on “Nanotechnology, Science and applications” organized by JSPM's Rajarshi Shahu college of Engineering – Department of Engineering Sciences and humanities from 26th – 31st Oct '2020
- 3-days FDP on “Century of Quantum Mechanics and still going strong” organized by Applied Physics Department, Faculty of Technology and Engineering, Gujarat Science Academy, during 15th -17th June 2020
- 3-days FDP on “Physics of materials” organized by Department of Physics, Faculty of Engineering and Technology, Jain (Deemed to be University) from 28th -30th May 2020.
- Short term course on Physics in daily life organized by Sawarkar Mahavidyalaya research cell, Beed during 25th April – 1st May 2020
- Two week STTP on “Engineering Physics” conducted by IIT, Bombay from 8th -18th Dec at COEP, Pune.

Major Portfolios Handled: (college level and department level)

- Introducer and Coordinator - Value Added Course on “Sustainable Development”
- NAAC and AQAR - Criterion VII Coordinator
- NBA Criterion 9 – Co-Curricular and Extracurricular activities
- Eco Club Coordinator
- Science Forum Coordinator
- Initiator and Faculty Advisor – Music Club
- Initiator and Faculty Advisor – Literature and Fine Arts Club
- Faculty Advisor – Astronomy Club
- Kirloskar Vasundhara Coordinator
- FE Virtual Lab Coordinator
- Subject Coordinator- Engg. Physics till 2023
- Coordinator-Waste management in campus under Swachh Bharat Abhiyaan
- Selection of Gender Champion under Student development cell SPPU
- Study Circle Coordinator
- FE Induction Program Coordinator Sem-I & II 2019-2023
- FE Admissions

Role in University Bodies....

- Member LIC Committee, SPPU
- Subject Expert, interview committee, SPPU
- Member, Syllabus Revision committee for Engg. Physics, SPPU

