

ACADEMIC PROFILE

DR.ARUNA P. MAHAROLKAR

M.Sc. PHYSICS

PH.D (PHYSICS)

Assistant Professor

DEPARTMENT OF PHYSICS, JALNA EDUCATION SOCIETY'S R. G.
BAGDIA ARTS, S. B. LAHKOTIA COMMERCE , R. BEZONJI SCIENCE
COLLEGE,(JES COLLEGE , JALNA),
JALNA(MS)-431203

PROFILESUMMARY

Dr. ARUNA P. MAHAROLKAR

Assistant Professor

Department of Physics, JES College
Jalna (MS) - 431203

**July 26, 2023 to Till
Date**

Assistant Professor in Physics at JES College, Jalna (MS)

**September01, 2017
To July26,2023**

Assistant Professor in Physics at MIT, Aurangabad (MS)

**December 23, 2013 to
August, 2017**

Lecturer in Physics at MIT ,Aurangabad (MS)

2007–2013

Doctoral Research; Study of Additive, Intensive and Constitutive Properties of Polar Liquids For The Understanding Of The Intermolecular Interactions Between Molecular Structures, Department of Physics , Dr. Babasaheb Ambedkar Marathwada University , Aurangabad.

2005–2007

Post Graduation; Master of Science in **Physics** (with **Solid State Physics** as major); Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)

2002–2005

Graduation; Bachelor of Science with **Physics, Chemistry and Mathematics;** Government Arts & Science College Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)

2002

Maharashtra State Board of Secondary and Higher Secondary Education, Pune

2000

Maharashtra State Board of Secondary and Higher Secondary Education, Pune

Research Papers Published (Scopus):	28+	International Award:	01
Patents Granted:	11	National Awards:	07
Patents Published:	01	Citations(GS):	267
Designs Filed:	01	h-index(GS):	10
Book published:	01	i-10index(GS):	12
Book Chapter published:	02	h-index(Scopus):	08

- **Research Projects for Fabrication/Characterizations of Nanomaterials**
 1. At INUP, Indian Institute of Science (IISc), Bangalore
 2. at INUP, Indian Institute of Technology (IIT), Bombay
 3. at UGC Consortium for Scientific Research (UGC-CSR-DAE), INDORE

- **Ph.D. Research Guide** in the subject of Physics under the faculty of Science & Technology by Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar since 05/03/2023

- **Completed SRTP Summer Research Training conducted by Council of Scientific and Industrial Research (CSIR) NEIST Jorhat** during June to August 2020

- **Delivered Distinguished Invited Talk at Indian Institute of Science (IISc), Bangalore; June, 2018**

- **Awarded by Visiting Scientists Program Fellowship by Indian National Science Academy New Delhi 2023**
- **NPTEL STAR-NPTEL Motivated Learner IIT Madras December, 2019**
- **NPTEL STAR-Faculty Advanced domain Oct-2021**
(National Portal for Technology Enhanced Learning – an initiative by Ministry of HRD and IISc, IITs)

- **Completed Hands on Training with Wafer Grade Nano-Electronic Fabrication Technology at INUP, IISc, Bangalore**

- **Reviewer of Scopus Indexed Journals**

- **20+ Certifications at National Level Self Paced Academic Initiatives**

- **NPTEL Certified Course Mentor**