



Faculty Profile



NAME : Rahul Rajashree Popat Jawale

QUALIFICATION : M.Sc. Biophysics

Email ID : rahuljawale228@gmail.com

DEPARTMENT : Bioanalytical Sciences

DESIGNATION : Assistant Professor

EXPERIENCE (Yrs.) : 1 Years

SPECIALIZATION : Molecular Biology,
Cell Biology, Nanotechnology

PAPERS PRESENTED:

Research Papers presented in national conferences

1. Presented a paper on topic “Zirconium oxide- Polyvinyl alcohol (PVA) nanocomposites: Synthesis and characterization” in UGC sponsored State Level Conference Frontiers in Materials Science, at VES college Mumbai.
2. Presented a poster on topic “Review of Biomaterials and their applications in Tissue Engineering”, in UGC sponsored National Seminar on “Current Trends in Material sciences”, at Dr. R.G. Rathod College, Akola.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

1. Attended workshop on Research Methodology and Biostatistics at Haffkine Institute for Training, Research and Testing, Mumbai, Maharashtra, India, in 2014
2. Attended workshop on “Biopotential Recording and Signal Processing” jointly organized by ADI Instruments, Australia and Department of Biophysics, University of Mumbai, in 2014
3. Participated in the National Seminar on “Advances in Bio-Imaging”, jointly organized by Department of Biophysics, Information Technology and Biotechnology, in 2014
4. Participated in “National Symposium on Frontiers of Biophysics, Biotechnology and

Bioinformatics and 37th Annual Meeting of Indian Biophysical Society” jointly organized by Department of Biophysics and Centre for Excellence in Basic Sciences, University of Mumbai, in 2013.

5. Attended State level Seminar on “Synthesis and Characterization of Nanomaterials”, in 2012.

RESEARCH PROJECTS:

1. Synthesis, characterization and study of Nano-Biocomposites and Hybrid Biomaterials. Department of Physics, University of Amravati from 2011-2012.

**2. Study of effect of nanoparticles on eukaryotic model organism *Drosophila melanogaster*:
A Proteomic Approach**

RESEARCH PAPER PUBLICATION:

1. “Effect of silver nanoparticles on growth of pathogenic bacteria” *Bionano frontier*, an international journal of science and technology Volume-3 issue-2, July- December 2010, ISSN 0974-0678.

2. “Review of Biomaterials and their applications in tissue engineering” *Bionano frontier*, an international journal of science and technology, Special Issue 7, ISSN 0974-0678.

AWARDS AND ACHIEVEMENTS:

1. Qualified PET (Physics) Sant Gadge Baba Amravati University, 2011.

2. Qualified PET (Biophysics) Mumbai University, 2012.