



1. **First name:** Sheetal
2. **Middle name:** Papatprasad
3. **Last name:** Pardeshi
4. **Current position:** Assistant Professor, Department of Microbiology
5. **Qualifications:** CSIR NET-JRF(Life Sciences), M.Sc. Microbiology, University of Pune, B.Sc. Microbiology, University of Pune
6. **Contact number:** 9970135370
7. **Official email id:** spp.micro@moderncollegepune.com
8. **Total teaching experience (at Modern College):**
 - 2009 till date, Assistant Professor, Department of Microbiology, Modern College, Shivajinagar, Pune-5 (6 years)
 - 2008-2009, CHB Lecturer, Department of Microbiology, Modern College, Shivajinagar, Pune-5
9. **Projects:** Completed, 2012-2014
Principal investigator of UGC funded project on Comparative studies on prodigiosin production by *Serratia marcescens* using various crude fatty acid sources and its applications, funded by UGC (2,00,000/-)
10. **Publications**
 - Book chapter on Industrial applications of biosurfactants by Shilpa Mujumdar, Shradha Bashetti, **Sheetal Pardeshi**, Rebecca Thombre in Industrial Biotechnology, CRC-Taylor and Francis group, 2015
 - Original research article on Isolation and Characterization of Facultative Anaerobic Bacteria for Generation of Bioelectricity Using Microbial Fuel Cell Setup by Safa Sheikh and Digambar Jagtap, **Sheetal Pardeshi** in International Journal of Current Microbiology and Applied Sciences, 2015
 - Original research article on Comparative Studies on Prodigiosin Production by *Serratia marcescens* Using Various Crude Fatty Acid Sources-Its Characterization and Applications by Pankaj Picha, Deepali Kale, Isha Dave, **Sheetal Pardeshi** in International Journal of Current Microbiology and Applied Sciences, 2015
11. **Positions held (at Modern College)**
 - 1st January, 2016, coordinator of Microcosm- treasure hunt competition organized by Microbiology Association, Department of Microbiology, Modern College, Pune-5

- 20-21 February, 2015, Organizing committee member of national conference on dynamic microbes: role in human welfare, organized by Department of Microbiology, Modern College, Pune-5
- 28-29 January, 2014, Organizing committee member of international conference on environmental conservation by adopting new technologies, organized by Modern College, Pune-5
- 23-24 December, 2013, Organizing committee member of national conference on hazardous e-waste management, organized by Department of Electronic Science, Modern College, Pune.
- 5 February, 2013, Coordinator of quality enhancement workshop organized by Department of Microbiology, Modern College, Pune-5
- 28-30 January, 2013, Organizing committee member of international conference on employability enhancement through proficiency in Indian and foreign languages, organized by Modern College, Pune-5
- 28-30 January, 2012, Organizing committee member of international conference on business opportunities in life sciences, organized by Modern College, Pune-5
- 25-26 February, 2011, Organizing committee member of state level conference on Microbiology in 21st century, organized by Department of Microbiology, Modern College, Pune-5
- 28-30 January, 2011, Organizing committee member of international conference on Biodiversity and its conservation, organized by Modern College, Pune-5
- Committee member of documentation committee of NAAC preparation process
- Committee member of Admission committee of FYBSc Microbiology
- 13-15 March, 2010, Organizing committee member of national conference on stem cell technology, organized by Department of Biotechnology, Modern College, Pune-5
- 15-18 December, 2009, Organizing committee member of 50th annual conference of Association of Microbiologists of India.
- Committee member of Best student trophy committee of Modern College, Pune-5

12. Conference/workshops/seminar/training programme attended:

- 20-21 February, 2015, Poster presentation on Antibiotic resistance profile of microorganisms isolated from hospital environments at national conference on Dynamic microbes: role in human welfare, organized by Department of Microbiology, Modern College, Pune-5
- 20-21 February, 2015, Poster presentation on Isolation and Characterization of Facultative Anaerobic Bacteria for Generation of Bioelectricity Using Microbial Fuel Cell Setup at national conference on Dynamic microbes: role in human welfare, organized by Department of Microbiology, Modern College, Pune-5
- 15-16 March, 2013, Poster presentation on Production of prodigiosin by *Serratia marcescens* using fatty acid sources at national conference on Bioengineering sciences, organized by Department of Applied sciences, COEP.

- 25-26 February, 2011, Oral presentation on comparative study on prodigiosin production using crude fatty acid sources and its applications at state level conference on Microbiology in 21st century, organized by Department of Microbiology, Modern College, Pune-5
- 7-8 February, 2011, Poster presentation on Production of prodigiosin by *Serratia marcescens* at international conference on Biotechnology for better tomorrow, organized by BAMU.
- 8-10 December, 2005, Poster presentation on Effect of heavy metals on growth of Mycobacteria at 46th annual conference of AMI, organized by Department of Microbiology Osmania University, Hyderabad.
- 4-11 August, 2014, National workshop on teaching and learning biology: problem solving approach, organized by Department of Microbiology, SPPU.
- 22 January, 2014, AMI ASM workshop on Art of science communication, organized by AMI Pune unit in association with Department of Microbiology, Modern College, Pune-5
- 18 February, 2014, National Conference on Modern methods in detection, identification and quantification of microorganisms, organized by Department of Microbiology, Yashwantrao Mohite College, BVU.
- 17-18 January, 2014, National Conference on Modern analytical techniques in Microbiology, organized by Department of Microbiology, Fergusson College.
- 10-11 January, 2014, National Symposium on Biomedicine: unfolding the secrets from nature, organized by Institute of Bioinformatics and Biotechnology.
- 6-7 September, 2012, Symposium on Microbes: Molecular ecology and systematic, organized by MCC, NCCS in association with AMI, Pune unit.
- 9-10 February, 2012, State level seminar on research orientation and methodology organized by D.Y. Patil Arts, Science and Commerce College, Pimpri.
- 9-10 November, 2010, Workshop on SPSS FDP on research and data analysis using SPSS 18.0 organized by Department of Physical Education, University of Pune.
- 20-21 February, 2015, Poster presentation on Antibiotic resistance profile of microorganisms isolated from hospital environments at national conference on Dynamic microbes: role in human welfare, organized by Department of Microbiology, Modern College, Pune-5
- 20-21 February, 2015, Poster presentation on Isolation and Characterization of Facultative Anaerobic Bacteria for Generation of Bioelectricity Using Microbial Fuel Cell Setup at national conference on Dynamic microbes: role in human welfare, organized by Department of Microbiology, Modern College, Pune-5
- 15-16 March, 2013, Poster presentation on Production of prodigiosin by *Serratia marcescens* using fatty acid sources at national conference on Bioengineering sciences, organized by Department of Applied sciences, COEP.
- 25-26 February, 2011, Oral presentation on comparative study on prodigiosin production using crude fatty acid sources and its applications at state level conference on Microbiology in 21st century, organized by Department of Microbiology, Modern College, Pune-5

- 7-8 February, 2011, Poster presentation on Production of prodigiosin by *Serratia marcescens* at international conference on Biotechnology for better tomorrow, organized by BAMU.
- 8-10 December, 2005, Poster presentation on Effect of heavy metals on growth of Mycobacteria at 46th annual conference of AMI, organized by Department of Microbiology Osmania University, Hyderabad.
- 16 January, 2013, State level workshop on choice based credit system, organized by Chandmal Tarachand Bora College, Shirur.
- 17-18 February, 2012, Workshop on methodology and details of teaching and learning in M.Sc. Microbiology, organized by Department of Microbiology, Abasaheb Garware College, Pune.
- 5-6 April, 2010, Workshop on Guidelines for teaching restructured T.Y.B.Sc. Microbiology syllabus organized by Department of Microbiology, University of Pune.
- 10-16 October, 2011, Short term faculty development programme organized by Tuljaram Chaturchand College, Baramati.

Awards/honors:

- Best poster award at International conference on Biotechnology for better tomorrow, organized by BAMU, 2011.