

Name:- Saylee V. Darvekar

Address(Optional):- Department of Microbiology, Fergusson College, Pune

Personal Details:-

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|--|---------------------------------------|-------------------|--------------------|
| Name | DARVEKAR | SAYLEE | VAIBHAV |
| | <i>SURNAME</i> | <i>FIRST NAME</i> | <i>MIDDLE NAME</i> |
| Department | Microbiology | | |
| Designation | Assistant Professor | | |
| Qualification(s) | M.Sc. Microbiology | | |
| Certification(s)/Professional Courses/Exams | SET | | |
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Member Of:-

| College Committees | Other Committees |
|--|---|
| S.Y.B.Sc. Admission committee | Association of Microbiologists of India, Life member |
| College Festival Departmental co-ordinator | |
| NAAC Cycle III, Student interaction committee | |

Research Done:

- ‘Exploring nitrogen fixing chemoheterotrophic oligophiles from natural habitats for preparing biofertilizers’ Worked as a co-investigator and completed the project in 2012 Sanctioned by BCUD, SPPU, Pune.
- Reduction in levels of cholesterol and triglyceroids using probiotics. Ongoing project, sanctioned by BCUD, SPPU. Working as a co-investigator.

Area of Interest in Research:

Immunology, Molecular biology, Probiotics, Nanotechnology

Research publications:

Pathak P. L., and S.V. Kalekar. 2013. Exploring Nitrogen Fixing Chemoheterotrophic Oligophiles from Natural Habitats for Preparing Biofertilizers. *Open access scientific reports*
<http://dx.doi.org/10.4172/scientificreports.555>

Khandelwal S., Bhavsar S., **Kalekar S.**, Wagh P., Matal S.,S. Joshi, 2012. Keratin Degradation: ‘A Microbial Venture. *Swayamprakash* 2 (1): 9-14 (ISBN No.)

Seminars and Workshops Attended

- Participated in the workshop on Molecular Biology (X-pert Teaching kits) organized by HiMedia Laboratories Pvt Ltd.
- Participated in the One day AMI-ASM Workshop on Art of Science Communication organized by Association of Microbiologists of India Pune Unit and American Society for Microbiology, USA.
- Participated in the “Teachers Training Program” held under UGC-CPE Model for Arts and Science Teachers program at Fergusson College, Pune

- Participated in ‘One day workshop on Implementation of credit system for PG courses in colleges affiliated to University of Pune organized by IQAC, Abasaheb Garware College, Pune. 13th February 2013.
- Participated in Teachers Training Program held under UGC-CPE: Model for Arts and Science Teachers (M.A.S.T.) program between 18th October 2012 and 25th October 2012, at Fergusson College, Pune
- Participated in workshop on ‘Methodology and details of Teaching-Learning in M.Sc. Microbiology’ held in Abasaheb Garware College, Pune, 17th February 2012 and 18th February 2012
- Participated in A state level seminar on, ‘Frontiers in Genetic Engineering ‘ organized by G.E.Society’s H.P.T. Arts and R.Y.K. Science College Nashik, on 5th and 6th February 2010

Seminars and Workshops Organized:-

- Participated as organizing committee member in DBT sponsored National level conference on “Modern Analytical Techniques in Microbiology” at Department of Microbiology, Fergusson College Pune.
- Participated as an Organizing committee member for Poster presentation competition for Post graduate students organized by Association of Microbiologists of India Pune Unit and Department of Microbiology, Fergusson College Pune