

# Tejaswini Pachpor

Visiting Lecturer at MES Abasaheb Garware College

tejaswini.pachpor@gmail.com

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## Summary

Teaching professional with research experience. Doctorate in Microbiology with 2 yrs of postdoc experience. Hands on experience in yeast molecular biology, antibody development , protein purification and characterization techniques and scale-up /process optimization for metal enriched yeast production. Have taught Masters and Bachelor students from multiple disciplines Microbiology, Biotechnology, Biodiversity and Optometry topics associated with Basic Microbiology, Molecular Biology, Biochemistry and Immunology.

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## Experience

### Visiting Lecturer

July 2016 - Present

Conducted lectures and practicals for

Scientific Research and Communication ( Theory) MSc II Biotechnology

Microbial Taxonomy ( Theory) MSc I Biodiversity

Ecology and Evolutionary Biology ( Theory) MSc I Biodiversity - 1 credit

Quantitative Techniques in Ecology ( Practicals)- 1 credit

Bioactivity of secondary metabolites and Molecular biology ( Theory + Practicals) MSc II Biodiversity 1 credit load each

Pollution Control Technology ( Theory) TY BSc Industrial Microbiology

Medical Microbiology ( Theory + Practicals) TY BSc Microbiology ( 1 semester load)

### Visiting lecturer

February 2015 - April 2016 (1 year 2 months)

General Microbiology Course ( Theory) FYBSc Optometry

### Visiting Lecturer

December 2014 - April 2016 (1 year 4 months)

Conducted lectures and practicals for Masters and Bachelors classes

Clinical Biotechnology ( Elective course for MSc Biotechnology Sem II ) ( Theory and Practicals)

Food and Nutrition ( Elective course for MSc Biotechnology Sem III ) ( Theory and Practicals)

Medical Biochemistry ( Core course for MSc Medical Biotechnology Sem I ) ( Theory and Practicals)

Clinical genetics (Core course for MSc Medical Biotechnology Sem II ) ( Practicals)

Foundations of Chemistry and Biochemistry ( Core course for CBSE FYBSc Sem I and II)( Theory and Practicals)

Analytical Techniques (Core course for SYBSc Sem IV) (Theory)  
Analytical Techniques (Core course for TYBSc Sem V) (Practicals)

**Visiting Postdoctoral fellow at National Institutes of Health**

September 2013 - July 2014 (10 months)

Study molecular determinants of faithful chromosome transmissions

**Research Associate at University of Wisconsin-Madison**

January 2012 - February 2013 (1 year 1 month)

Gasch Lab, Genetics-Biotechnology Center, University of Wisconsin Madison

Study the response of engineered yeast cells to xylose fermentation and oxygen limitation

**Postdoctoral trainee at University of Wisconsin-Madison**

November 2011 - December 2011 (1 month)

Ansari Lab, Biochemistry Addition, University of  
Wisconsin Madison

**Visiting lecturer**

December 2010 - April 2011 (4 months)

Subject Nanobiotechnology

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**Education**

**Agharkar Research Institute, University of Pune**

Ph.D, Microbiology, 2004 - 2010

**University of Pune**

M.Sc, Zoology, 2001 - 2003

**University of Pune**

B.Sc, Microbiology, 1998 - 2001

**Maharashtra Vidyalaya Pune**

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[Contact Tejaswini on LinkedIn](#)