

SAVITRIBAI PHULE PUNE UNIVERSITY  
DEPARTMENT OF TECHNOLOGY

Advertisement

Applications are invited for the post of **Project Assistant**, on a project sanctioned by Department of Science and Technology (DST), under INSPIRE faculty fellowship, India.

<b>Title of the project</b>	A novel approach to study dynamics of complex fluids using 3D printed microfluidics devices
<b>Focus research area</b>	In this project, we will study foaming and emulsifying properties of various natural/green surfactants for chemical/food engineering applications and find out effectiveness of these surfactants compared to synthetic surfactants. Study on the synthesis of complex multiphase fluids (foams, emulsions etc.) using various in-line mixers will also be carried out. Energy efficiency of these novel in-line mixers will be compared with the conventional reactors used for multiphase fluid synthesis.
<b>Total posts, Reservation</b>	2 (Two), (01 SC and 01 OBC)
<b>Duration</b>	Six months from the date of appointment
<b>Stipend</b>	₹ 24,000 /- p.m. consolidated (fixed)
<b>Minimum qualification</b>	M.E./M.Tech. in Chemical/Food Engineering (or related fields)

Eligible candidates should send the applications directly to Dr. Mandar Badve at: [mandarbadve@unipune.ac.in](mailto:mandarbadve@unipune.ac.in) or [mandarbadve@gmail.com](mailto:mandarbadve@gmail.com) before **December 20<sup>th</sup>, 2020**. The application must include detailed CV of the applicant. Only short-listed candidates will be contacted by email for the interview. No separate call letter for the interview will be issued.

**Date of Interview:** December 24 2020, 14.30 PM; **Place:** Online mode or Department of Technology, Savitribai Phule Pune University, Pune 411 007.

**No TA/DA will be paid for attending the interview.**

Dr Mandar Badve  
Principle Investigator  
Department of Technology

Head  
Department of Technology  
Department of Technology  
Savitribai Phule Pune University  
Pune 411 007

Registrar  
Savitribai Phule Pune University  
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