



Department of Physics
Savitribai Phule Pune University, Pune-400007 (India)

Advertisement (Walk in Interview)

Applications are invited on plain paper for the position of **Junior Research Fellow (JRF)** to work on the extra mural research (EMR) project, sponsored by SERB Department of Science and Technology, New Delhi. The details are as given below:

Title of the project : “Developing High-Performance Insulator for Electrowetting-driven Liquid Lens and Beam Steering Device”

Name of positions : Junior Research Fellow (JRF)

Number of post : 01 (ONE)

Reservation : ST

Fellowship (per month) : For NET/ GATE qualified candidates, INR 25,000/- + HRA (for first two years) and INR 28000/- + (HRA) for third year. (HRA as per the DST norms)

Minimum Qualification : M. Sc. (Physics) with minimum 55 % marks (in marks system), OR equivalent to Grade “B” (in credit system) with NET/GATE qualification in Physics. Candidate without NET/GATE may be considered for project fellow position on Monthly emoluments of INR 16000/- (Consolidated).

Date and Venue : Friday, 28th September 2018, Seminar Hall, Department of Physics, at 2.00 PM

Nature of research : The study of Electrowetting (EW) phenomenon on different dielectric materials for optimal performance at AC and DC voltages. The basic theoretical knowledge of electrowetting will be applied to validate the performance of the dielectric coating. The dielectric (insulators) will be deposited in the laboratory using suitable techniques. In the final phase candidate will design EW driven liquid lens and beam steering device.

* The motivated candidates may send their application in advance with academic details, supporting copies of certificates, any publications etc. to the **Principal Investigator** Dr. Arun G. Banpurkar (E-mail- agb@physics.unipune.ac.in). The candidates must bring original certificates/supporting documents at the time of interview.

* Initially candidate will be appointed for two years (JRF) and promoted to SRF in the final year based on the performance. This position is **strictly temporary** and will be governed by the rules and regulations of the funding agency and SP Pune University. No TA/DA will be paid for attending the interview.

Note: In case a suitable candidate from the above mentioned reservation category is not available, the post may be filled from other reserved/open category candidate.

Principal Investigator

Head, Department of Physics
S P Pune University

Registrar
Savitribai Phule Pune University
Registrar
S P Pune University