

भौतिकशास्त्र विभाग,  
लोकमान्य टिळक भवन,  
विद्यानगरी, सांताक्रुझ (पूर्व),  
मुंबई - ४०० ०९८ (भारत).  
दूरध्वनी : २६५२ ६२५०, २६५३ ३०५१,  
२६५४ ३३५८  
विस्तारीत क्र. ३५८  
टेली फॅक्स : २६५२ २२२२, २६५३ ३०५१  
मेल : head.udp@mu.ac.in

University of Mumbai



मुंबई विद्यापीठ

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Date: 10<sup>th</sup> February 2021

## Advertisement for Junior Research Fellow (JRF) Position

Applications are invited from eligible candidates for a temporary post of **Junior Research Fellow (JRF)** under DST-SERB project in the Department of Physics, University of Mumbai with details mentioned below

### PROJECT DETAILS:

**Title of the Project:** Development of Nanoporous carbon aerogel Electrocatalyst for Production of Solar fuel (H<sub>2</sub>) from Water.  
**Sponsored agency :** SERB, DST  
**No. of Posts:** One (01)  
**Duration of the project:** One year  
**Duration:** Initially for 1 year and can be extended till the end of the project based on satisfactory performance.

### OTHER DETAILS

**Name of PI:** Dr. Pradip B. Sarawade  
**Essential Qualification :** MSc Physics/Chemistry/ Nanosciences and Nanotechnology or equivalent degree in related fields (preferably 1<sup>st</sup> class) from any recognized university with consistently good academic record.  
**Desirable:** PET, GATE/SET/NET or equivalent qualification. Good knowledge in materials synthesis and having research experience in photocatalyst development. Excellent written and oral communications skills  
**Fellowship:** Rs. 31,000/- per month\*  
**How to apply:** Interested candidates are requested to send the applications on plain paper along with complete CV with the details of educational qualifications. All the relevant attested documents should reach to Dr. Pradip B. Sarawade, Principal Investigator, DST-SERB project, Department of Physics, University of Mumbai, Vidyanagari, Santacruz (E), Mumbai-400098 on or **before 8<sup>th</sup> March, 2021**. You may e-mail your applications to: [pradip.sarawade@physics.mu.ac.in](mailto:pradip.sarawade@physics.mu.ac.in)  
Only Shortlisted candidates will be called for interview.

**Important Instructions:** The assignment is purely temporary in nature. All the term & conditions for this recruitment will be as per the guidelines of SERB, DST, Govt. of India. All original documents in support of educational qualifications and work experience must be produced at the time of interview/joining. No TA/DA will be provided for appearing the interview. Shortlisted candidates will be informed by e-mail with the date. The selected candidate shall be encouraged to register for **Ph.D. programmer at Physics Department, University of Mumbai**.

\*Note-HRA may be offered after receiving approval from SERB, DST.

For any other information, the candidates may contact the principle investigator directly by email/phone.

Dr. Pradip B. Sarawade  
(Principal Investigator)  
Cell No. 8779684723

Prof. Anuradha Misra  
Professor and Head