

## **Advertisement for JRF in a SERB (DST) sponsored project (CRG/2022/002417)**

Applications are invited for the post of Project Fellow/ JRF in the SERB sponsored project titled “**Studies on stochastic micro-engines in complex fluids**”, at the Light Matter Lab, Department of Physical Sciences, IISER Kolkata. This project involves in-depth theoretical concepts in **classical non-equilibrium statistical mechanics**, and rigorous experimental work with **optical tweezers** including day-to-day use of optical microscopes, lasers, associated optical equipment/devices, biological/chemical sample preparation, etc. For more details about the physics behind the project, please check <https://sites.google.com/iiserkol.ac.in/light-matter-lab-iiserk/research/soft-matter-physics>

**Position:** JRF

**Fellowship:** Rs. 31,000/- + HRA (or as per payscale mandated by SERB, DST)

Please see <https://dst.gov.in/sites/default/files/OM%20Fellowship%20Revision-2019.pdf> for salary details existing presently.

**Duration:** 1 year, to be renewed strictly based on performance.

**Eligibility:** (i) At least 55% in MSc in Physics/Chemistry, with qualification in a national level eligibility test (CSIR NET JRF, GATE, JEST, JAM).  
(ii) MTech in a professional course with qualification in a national level eligibility test as described above.  
(iii) Candidates with prior experience in an optics research lab would be preferred.

Eligible candidates may apply by sending soft copy through e-mail in the given format with a cover letter displaying their interest. Self- attested soft copies of mark-sheets, certificates, (10<sup>th</sup> standard onwards) and proof of research experience/publications should be attached with the application. A single pdf file, consisting of cover letter, application form, and all documents, must be sent to [ayan@iiserkol.ac.in](mailto:ayan@iiserkol.ac.in) **within 15 days from the date of advertisement**. Also, please fill in the document: <https://docs.google.com/spreadsheets/d/13Jpc9AES53I73AtbuyEv6ZUfuXJu9J1AklaDrAw5cJg/edit#gid=0>

Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s). A web-link with date and time of an online interview will be e-mailed to the shortlisted candidates. The candidates must ascertain their eligibility before applying, as ineligible candidates will not be interviewed. **Shortlisted candidates will need to support their applications with 2 emails of recommendation (to be sent to the PI) from teachers or mentors familiar with their academic achievements.**

**Prof. Ayan Banerjee**  
**Dept of Physical Sciences**  
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## Application Format for the post of JRF

**Position applied for** :

**Name** :

**Date of Birth** :

**Marital Status** :

**Contact details** :  
(Complete address, phone/mobile no. & e-mail)

**Educational Qualifications** :  
(10<sup>th</sup> onwards/enclosed copies of certificate)

Examination / Degree	Board/ University	Year of passing	Subjects	Marks obtained (%/CGPA)	Distinction

**National level examination qualified** : CSIR NET/GATE/JEST/JAM (Mark whichever is appropriate and provide details)

**Title of M.Sc. or M.Tech dissertation** :

**List of publications in refereed journals (if any)**  
(authors, title, journal name, vol, page no., year)

**Summary of research work experience** :  
(not more than 200 words, attach separately)

**Two References** :  
(Provide complete contact details)

**Place** :

**Date** :

**Signature of Candidate**