

Call for applications for the position of a Post-doctoral Research Associate under a CEFIPRA Funded Project at the Department of Chemical Sciences, IISER Kolkata

Applications are invited for the post of a Post-doctoral Research Associate in the CEFIPRA sponsored project titled “MicroMat: Light- and Bio-Sensitive Soft Micro-Materials,” in the group of **Dr. Supratim Banerjee**, Associate Professor at the Department of Chemical Sciences, IISER Kolkata. This is an Indo-French collaborative project with Prof. André Del Guerzo, University of Bordeaux, France and will involve the design of functional soft materials in micro-sized scale using microfluidics which possess responsiveness towards light and bio-molecules and the materials will be investigated using fluorescence microscopy. The research work at IISER Kolkata would involve the synthesis of small chromophore based organic molecules and exploration of their luminescent properties, bio-analyte sensing and light harvesting features in self-assembled state in aqueous media using various spectroscopic (e.g., absorption and emission spectroscopy) and electron microscopic techniques.

- 1. Eligibility:** PhD degree in Organic/Physical Chemistry from a recognized University/ Institute in India or abroad. Those who have submitted their PhD thesis and are awaiting award of the degree are also eligible to apply, on producing a thesis submission certificate. Exposure to synthetic organic chemistry, supramolecular chemistry and luminescent molecules is desirable.
- 2. Remuneration:** Rs. 47,000/- per month + HRA (24%).
- 3. Tenure:** Initially for a period of 1 year, extendable up to 3 years depending on the satisfactory performance of the incumbent (with an upgradation in salary as per norms).
- 4. Age limit:** Must not be over 35 years as on 15th June, 2023 which can be relaxed for certain reserved categories as per the rules of the Government of India.
- 5. No of posts:** 1
- 6. How to apply:** Applications including a CV, a list of publications, a brief description of past research and two referee names should be sent by email to: **supratim.banerjee@iiserkol.ac.in**. Please use the subject line of the email as: **‘Application for RA position in CEFIPRA project.’**
- 7. Last date for application:** 10th June, 2023.
- 8. Interview:** Short-listed candidates will be invited for an online interview. The tentative date is middle of June.

9. Terms and Conditions:

- i) The selection for the Research Associate position will be made based on the past academic record as well as the performance in the interview. The decision of the selection committee will be final.
- ii) The appointment of the candidate will be governed by the terms and conditions of the funding agency particularly applicable to the said project.
- iii) The selected candidate will have to join duty immediately on receipt of the offer.
- iv) The fellowship may be terminated with a 30-day notice before completion of the tenure, if performance till date is not deemed satisfactory.

Contact

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