

Advertisement for Research Associate (RA-1) position in Chemistry

Applications are invited for the research associate (RA-1) position under the supervision of **Dr. Biplab Maji, Associate Professor, Department of Chemical Sciences, IISER KOLKATA**, with Ph.D. in organic chemistry/inorganic chemistry background. The position is for **only one year but may be extended** up to the end of the project, depending on the performance of the candidate. The research work involves fluorination reaction via photoredox catalysis and electrocatalysis and application in late-stage functionalization reactions. The project is funded by SERB-DST under Special Call for Proposals scheme (Reagentless Organic Synthesis and Selective Fluorination Strategies).

- Title of the project:** “Development of Selective Fluorination Strategies via Visible-Light-Photoredox Catalysis and Electrocatalysis Towards Late-Stage Diversifications of Drug Molecules”
- Funding agency:** SERB-DST.
- Principle Investigator:** Dr. Biplab Maji, Asso Prof, Dept. of Chemical Sciences.
- Remuneration:** 47000 INR per month + 24% HRA.
- Tenure:** 1 year (extendable on satisfactory performance till the end of the project duration, January 2026, depending on satisfactory performance and the availability of funds)
- Eligibility:** Exposure to synthetic organic chemistry, electrochemistry, and/or photocatalysis. The candidate should be experienced in NMR, FT-IR, GCMS, and HPLC. Operation of the potentiostat and knowledge of basic electrochemistry is desirable. The candidates should have a good academic record and completed the Ph.D. degree within the 3 years or those who submitted their Ph.D. thesis recently. The candidate is expected to have at least 2 first author publications.
- Age limit:** Must not be over 35 years as of 7th Feb, 2023, which can be relaxed for certain reserved categories as per rules of the Government of India.
- Selection Criteria:** The selection for the Research Associate position will be made based on the past academic record, experience as well as performance in the interview.
- No of posts: 01**
- More information**
 - No TA/DA will be paid for attending the interview.
 - Only short-listed candidates will be contacted by email. The prescribed educational qualifications are a bare minimum, and merely possessing of same will not entitle candidates to be called for an interview. Where the number of applications received in response to this Notice of engagement is large, it may not be convenient or possible to interview all the candidates. Based on the recommendation of the Selection Committee, the Principle Investigator may restrict the number of candidates to be called for an interview to reasonable limits after taking into consideration qualifications and experience over and above the minimum qualifications prescribed.
 - The engagement will be initially for a period of 1 year which may be extended or curtailed depending on the duration of the tenure of sponsored project/satisfactory performance or conduct of the appointee, as the case may be. The appointee must provide 3 months' Notice prior to discontinuing the project.
 - The Institute shall verify the antecedents or documents submitted by a candidate at the time of appointment or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated
 - The interview will be in online/offline mode, the date of which will be notified later.
- How to apply:** Interested candidates are requested to send their application (Cover letter, short CV, Summary of their Ph.D. work, list of publications, justification for the suitability of the above-stated project, and three referee names) to the Principal Investigator (**Dr. Biplab Maji**) through email to **bm@iiserkol.ac.in** on or before **12.00 midnight 7th February 2022**.

Dr. Biplab Maji

(Principal Investigator)

Email: bm@iiserkol.ac.in