

ADVERTISEMENT for PROJECT FELLOW

Dept. of Chemical Sciences, IISER Kolkata

One position for Project Fellow/ Associate/ Assistant is available in the research group of Prof. Amlan K. Roy, Professor, Dept. of Chemical Sciences, IISER Kolkata. The research work involves knowledge in Quantum Chemistry and/or Quantum Physics and the use of computer programming.

Title of project: Development of DFT methods in constrained atom/molecule/solid with range-separated functionals: benefits of Hookium

- **Number of positions available :** One
- **Funding agency :** DST/SERB
- **Principal investigator:** Prof. Amlan K. Roy, professor, Dept. of Chemical Sciences, IISER Kolkata.
- **Remuneration:** As per DST/SERB rules.
- **Tenure:** Initially for one year, which is extendable to a period of maximum 3 years, subject to satisfactory performance and availability of funds.
- **Basic Eligibility Criteria:** Highly motivated candidates interested in Theoretical Chemistry/physics, with M.Sc. in Chemistry or Physics or Mathematics (minimum 55% marks in M.Sc).

Candidates should have a strong theoretical background (with knowledge on quantum mechanics/chemistry) and would be expected to carry out theoretical development on Density Functional Theory (DFT).

- **Additional experience (desirable):** Preference will be given to NET/GATE (or other equivalent examination) qualified candidates. Exposure to Linux and computer programming will also be helpful.
- **How to apply :**
Eligible candidates may apply with their CV and a cover letter to Dr. A. K. Roy by email : akroy6k@gmail.com or akroy@iiserkol.ac.in. Details of research work can be found at the following link: <https://www.iiserkol.ac.in/~theochem/>
- **Last date for receiving applications:** 10 days from the date of advertisement.
- **Interview:** Short-listed applicants may be invited (via email) for an oral interview at IISER Kolkata.
- **Conditions:** No TA / DA will be provided to the candidate for the interview. The decision of the selection committee will be final.