

## **Postdoctoral Fellowship Programme in the Department of Chemical Sciences**

### **Experimental Chemistry** (Prof.s Prasun K. Mandal & Arabinda Chaudhuri):

Photoluminescent crystals (Prof. Prasun K. Mandal); Translational cancer biology with expertise in standard molecular biology protocols and in-vivo experiments (Prof. Arabinda Chaudhuri).

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### **Theoretical Chemistry** (Prof.s Ashwani K. Tiwari, Debasis Koley, & Sangita Sen):

Quantum Chemistry (including electronic structure theory and quantum dynamics); Methods of Statistical Mechanics (both equilibrium and time-dependent); Modelling of reactions and catalysts; Density functional theories; Simulation studies of biosystems and materials; Machine learning approaches.

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**Total No. of Positions: 5** (Please see above details.)

### **Important Dates:**

Application deadline: **March 02, 2022**

List of Shortlisted Candidates: **March 09, 2022**

Date of Interview: **To be Announced**

Contact Details: Email: [dcs.office@iiserkol.ac.in](mailto:dcs.office@iiserkol.ac.in)

### **Apply Here:**

[https://docs.google.com/forms/d/1r-kUZHVyMEIwbsuIp9LcfKYpSJdtCGa2fmJiKt5VZw/edit?edit\\_requested=true](https://docs.google.com/forms/d/1r-kUZHVyMEIwbsuIp9LcfKYpSJdtCGa2fmJiKt5VZw/edit?edit_requested=true)