



Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

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| Sanction No and Date: CRG/2021/004140 dated 24 th November 2021 | IIT (ISM) Project No. DST(SERB)(295)/2021- 2022/834/CHEMISTRY | Date: 9 th December, 2021 |
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JRF position under DST(SERB) Sponsored Project

Applications are invited under the sponsored project. The details of the project are as under:

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| Position | Junior Research Fellow (JRF) |
| Number of Position (s) | One (01) |
| Title of The Project | Alkylthiocyanates as New Bifunctional Reagents in Photo-Redox Reactions |
| Principal Investigator | Dr. Soumitra Maity Assistant Professor Department of Chemistry, Indian Institute of Technology (ISM) Dhanbad- 826004 E-mail: smaity@iitism.ac.in Mobile: 9471192521 |
| Tenure of Project | Three Years <i>Or</i> Co-terminus with the project; whichever is earlier. |
| Job Description (in maximum of 100 words) | The selected candidate is expected to carry out the research on Photo-catalytic reactions related to the project, characterize the synthesized molecules, collect and interpret data to help ensure the timely and successful completion of the project, in consultation with the PI. He is also expected to write the draft reports, manuscripts and patents resulting from the project in consultation with the PI. |
| PhD Enrolment | The selected candidate may be allowed to enroll for Ph.D. programme as per institute rules. |
| Essential Qualification | M.Sc in Chemistry (Organic. Spcl.) with 1 st class or minimum 60% marks/CGPA 6.5 (if class is not awarded) and a valid GATE/NET qualification. |
| Desirable Qualification | 0-2 year experience in Organic Synthesis |
| Age and Relaxation (if any) | The upper age limit for JRF will be 28 years at the time of appointment. A relaxation in upper age limit will be given to SC/ST/OBC (Non- Creamy layer)/ Female candidates as per GOI rules. |
| Fellowship | Fellowship: @ 31,000/- per month for first two years and: @ 35,000/- per month for third year. |
| Last Date & Time | 30 th December 2021 (6.00 PM) |

Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. No TA/DA will be paid to attend the interview. Interested candidates are requested to send the detailed CV and copy of all degree certificates to **Prof. Soumitra Maity** (smaity@iitism.ac.in).


(Signature of PI)