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

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| Sanction No and Date:<br>SRG/2022/001339<br>09 January, 2023 | **IIT (ISM) Project No.**<br>DST(SERB)(368)/2022-2023/972/PHYSICS | Date:<br>19/01/2023 |

**JRF position under DST-SERB Project**

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

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| **Position** | **JRF** |
| **Number of Position (s)** | 1 |
| **Title of The Project** | Single Crystal Growth and Study of Frustrated Magnetism in Triangular Lattice Cuprates $Ba_3Cu(Nb/Ta)_2O_9$ |
| **Principal Investigator** | Dr. Tusharkanti Dey, Department of Physics (tushar@iitism.ac.in) |
| **Tenure of Project** | 2 years |
| **Job Description (in a maximum of 100 words)** | The candidate will be involved in single crystal growth and characterization of novel quantum magnets. |
| **Essential Qualification** | Candidate must have M.Sc. or equivalent degree in Physics with 1st Class. Candidates must have valid GATE/CSIR-NET-JRF/NET-LS/INSPIRE or equivalent fellowship. |
| **Desirable Qualification** | Good knowledge of fundamentals in Physics. Candidates with prior experience of working in the field of magnetism or single crystal growth will be given preference. |
| **Age and Relaxation (if any)** | **Not more than 28 years as of 03-02-2023 (relaxable as per the norms/orders of the Government of India)** |
| **Fellowship** | **Rs. 31000/- per month + HRA (if applicable)** |
| **Last Date & Time** | **03-02-2023 at 5:00 PM;**<br>A copy of the application should be sent to the PI (Tusharkanti Dey; E-mail: tushar@iitism.ac.in) |
| 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. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview. | |

**(Signature of PI)**