

OFFICE OF DEAN, RESEARCH & DEVELOPMENT

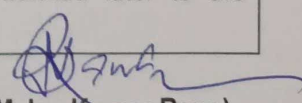
SERB/CHM/BPR/110324/56/JRF

Advertisement No.

Date: 05.04.2024

Name of the position	Junior Research Fellow (JRF)
No. of position	One (01)
Type of engagement	Temporary
Name of the Project	Prediction of future spike mutants based on in-silico and AI-based methods: Therapeutic discovery and experimental validation
SERB file no.	CRG/2023/007093
Funding Agency	Science and Engineering Research Board
Principal investigator (PI) with contact details	Dr. Malay Kumar Rana Assistant Professor, Dept. of Chemical Sciences, IISER Berhampur Email: mrana@iiserbpr.ac.in ; Tel. No.: +91-680-227753
Qualification and experience as per MoE guidelines (F. No.12-2/2019-U1 dated January 31, 2019), F. No. 51-07/2019-TS.VII (Vol. -II) dated October 04, 2019 or as per the guidelines of the funding agency	Post Graduate degree in Basic Science (e.g., Chemistry, Biology, etc.) with a good academic record and a valid score card in any of the following national-level examinations: National Eligibility Test (NET)/GATE/UGC-JRF/CSIR-JRF/DBT (JRF A category)/ICMR (JRF category I)/NET-LS/INSPIRE-PhD/JGEEBILS/JEST or any other nationally recognized scores. Freshly graduated candidates with proficiency in programming are preferable.
Period of engagement	01 year. The position is extendable for another two years based on the progress and performance and availability of fund.
Fellowship/Remuneration per month (₹)	37,000/+ HRA as per IISER BPR norms, and SERB guidelines
Job requirement	The candidate has to deal with protein structures using various computational techniques. So, it is desirable that the candidate has the basic Biology and programming knowledge (AI, python, ML/DL, etc.), including experience in biomolecular simulations. A candidate having an exposure to protein expression, purification, and biological studies is also preferable (but not mandatory).
Last date of applications	A biodata form attached to this advertisement and a statement of purpose (SOP) describing your academic background and justification as to why you consider yourself more suitable for carrying out the above research or competent to carry out the above research and fulfil expectations/objectives of the research (pdf file < 10 MB) has to be sent to the PI at mrana@iiserbpr.ac.in latest by May 05, 2024 with the subject: " Application for SERB CRG JRF position ". For any technical information, candidates are free to contact the PI on Email.
Interview	The date and mode of selection test will be informed later to the shortlisted candidates through Email.

Date extended up to May 05, 2024


(Dr. Malay Kumar Rana)
Principal Investigator