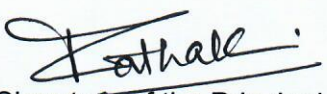
भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
Indian Institute of Science Education and Research Berhampur
Established by the Ministry of Education, Govt. of India

Office of Dean, Faculty Affairs

Advertisement No. Rolling Advt. No.: IISERBPR/DoFA/PDRF/2019/01
Date: 18.11.2022

Name of the position	Post-Doctoral Research Fellow
No. of position	01
Type of engagement	Temporary
Name of the Project	Multifaceted Metal Based Therapeutics: Synthesis and Biological Evaluation of Combination Prodrugs and Nanoparticles
Funding Agency	Indian Institute of Science Education and Research, Berhampur
Principal investigator (PI) with contact details	Dr. Rakesh Kumar Pathak Department of Chemical Sciences IISER Berhampur Email: rkpathak@iiserbpr.ac.in
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)	This position is open for candidates with 0-5 years of experience after obtaining a Ph.D. degree in one of the specific research areas as given in the job requirement section. Those who do not have a Ph.D. degree awarded will be considered as a Research Associates (RA). A suitable candidate from any of these two areas will be recommended for final selection. Outstanding candidates from other chemical and biological sciences research areas may also be considered depending on the research requirement.
Period of engagement	1 year or till the funding last.
Fellowship/Remuneration per month (₹)	As per institute norms
Job requirement	**Specific Research Expertise from Biological Sciences** Ph.D. degree in Biological Sciences or related area and have experience and publications in molecular and cancer biology. Experience conducting various molecular biology experiments (DNA/RNA work, PCR, RT-PCR, western blot) and cell culture-based assays. Additionally, an experience in molecular modeling, computational drug discovery, and *in vivo* mouse tumour models for cancer and in nanomedicine are desirable. Or **Specific Research Expertise from Chemical Sciences** Ph.D. degree in Chemical Sciences or related area and a strong foundation in synthetic organic, medicinal, and bio-inorganic chemistry principles and methods. The ideal candidate will possess a strong knowledge of current synthetic organic chemistry approaches and well versed with modern purification techniques, and can troubleshoot and optimize synthetic methods with limited supervision. The ability to understand and analyze biological data and use this information to design better compounds is desirable. Experience in the area of developing nanotherapeutics is desirable.
Last date of applications	A detailed CV (pdf file < 10 MB) and a research statement containing the background and motivation for research as a single pdf file has to be sent to the PI at **rkpathak@iiserbpr.ac.in** latest by **Dec. 9, 2022** with the subject line "Application for PDRF position". For any technical information, candidates are free to contact the **PI** on Email.
Interview	The date of interview will be informed later to the shortlisted candidates through Email/phone. The interview will be conducted online via **Google Meet or Zoom platform**.



Signature of the Principal Investigator