

Ref: CEBS/Advt. No.: Estt./Rct. JRF/23.01.2024

Closing Date: Feb 14th 2024

Advertisement for Junior Research Fellow

University of Mumbai-Department of Atomic Energy Centre for Excellence in Basic Sciences (UM-DAE CEBS) has been established on the Kalina campus of the University of Mumbai to impart high quality education in Basic Sciences after the 10+2 (or equivalent) level of schooling, in a vibrant academic ambiance by distinguished teachers and scientists.

CEBS invites applications from eligible candidates for the position of a Junior Research Fellow (JRF) in **Physics (Condensed Matter Physics and Materials Science)**.

The JRF will work on **DST-Nanomission funded project** with details given below.

No. of Positions	Project sanction number	Project Name & brief description	Tenure of the position	Requirements
1	DST/NM/TUE/QM-8/2019 (G)/2	Emergent phenomena in 2D heterostructures. (The project will involve the growth and characterization of 2D superconducting and topological materials as thin films. It also involves instrumentation of custom designed sample probes for their characterization)	Till the end of the project, renewable every year based on satisfactory performance. Project Completion Date: May 2028	1) M.Sc. in Physics (with minimum 60% marks (55 % marks for SC/ST candidates) or equivalent CGPA. 2) Qualification in UGC-CSIR-NET/ SLET / GATE / PET (conducted by the University of Mumbai/ Teachers' Fellowship examinations is essential. # 3) Should not exceed 26 years as on December 31, 2023.

#Emoluments for JRF:

Rs. 37000/- pm + 27% HRA (or as per DST guidelines) for those who have qualified CSIR-UGC NET/ including lectureship or GATE.

Rs. 31000/- pm + 27% HRA (or as per DST guidelines) for those who do not have NET/GATE.

HRA will be provided only if not residing in Govt. Accommodation.

Application in the prescribed format (download from <https://www.cbs.ac.in/announcements/recruitment>) along with detailed curriculum vitae (CV), copies of degree certificates and valid test scores (CSIR-UGC-NET/GATE/PET) should be submitted electronically through e-mail to registrar@cbs.ac.in on or before **February, 14th, 2024**.

Note that **NO TA/DA** will be paid for the candidates short-listed for the interview. Interview will be conducted in the hybrid mode. Candidates from Mumbai are encouraged to appear in person. Others can join through google meet/zoom.

The last date for submission of application is **February, 14th, 2024**.