

Ref: CEBS/Advt. No.: Estt./Rct.JRF/11.02.2022

Closing Date: March 15, 2022

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 the Basic Sciences after the 10+2 (or equivalent) level of schooling, in a vibrant academic ambiance by a faculty of 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 JRFs will work on **DST-SERB funded projects** with details given below.

No. of Positions	Project sanction number	Project Name	Tenure of the position	Essential requirements
1	CRG/2021/001120	Investigation of performance of TADF based OLED devices of small organic molecules by transport based spectroscopy	The position is offered on an annually renewable basis, and is tenable up to three years.	1. MSc in Physics (with minimum 60% marks (55 % marks for SC/ST candidates) or equivalent CGPA. 2. CSIR-UGC- NET (including lectureship) /GATE score 3. Should not exceed 30 years as on December 31, 2021.
1	CRG/2021/000696	NV centre based single crystal diamond for next generation quantum technologies	The position is offered on an annually renewable basis, and is tenable up to three years.	1. MSc in Physics (with minimum 60% marks (55 % marks for SC/ST candidates) or equivalent CGPA. 2. CSIR-UGC- NET (including lectureship) /GATE score 3. Should not exceed 30 years as on December 31, 2021.

Emoluments: Rs. 31000 pm + 24% HRA (for 1st and 2nd years) Rs. 35000 pm + 24% HRA (for 3rd year) { As per SERB guidelines }

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) should be submitted electronically through e-mail to registrar@cbs.ac.in on or before **March 15, 2022.**

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 **March 15, 2022.**