



मुंबि - पऊवि मौलिक विज्ञान प्रकर्ष केन्द्र
UM-DAE Centre for Excellence in Basic Sciences
Registered under the Society Registration Act, 1860

Ref: CEBS/Advt. No.: Estt./Rct.JRF/25.09.2023

Closing Date: 20th October, 2023

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 JRFs will work on **DST-SERB funded projects** with details given below.

No. of Positions	Project sanction number	Project Name	Tenure of the position	Requirements
1	CRG/2021/001120	Investigation of performance of TADF based OLED devices of small organic molecules by transport based spectroscopy	Till the end of the project. Project Completion Date: 01-Mar-2025	1) M.Sc. in Physics/ Chemistry/Material Science/Nanoscience (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 31 st December, 2023. *Those not having CSIR-UGC- NET (including lectureship) /GATE score can also apply but the emoluments will be as per SERB guidelines (See below#)

1	CRG/2021/000696	NV centre based single crystal diamond for next generation quantum technologies	Till the end of the project. Project Completion Date: 13-Mar-2025	1) M.Sc. in Physics/Chemistry/Material Science/Nanoscience (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 31 st December, 2023. *Those not having CSIR-UGC- NET (including lectureship) /GATE score can also apply but the emoluments will be as per SERB guidelines (See below#)
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#Emoluments: Rs. 31000/- pm + 24% HRA (or as per SERB guidelines) for those (i) who have qualified CSIR-UGC NET including lectureship or GATE. (ii) 25,000/- + 24% HRA (or as per SERB guidelines) for others who do not fall under the above category.

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 **20th October, 2023.**

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 **20th October, 2023.**


Bhupesh Kumar Gangrade
Registrar, UM-DAE CEBS