

Online applications are invited for the position of Project Associate-I/JRF at Indian Institute of Technology (IIT)-Mandi, MANDI-175075 (H.P.), India.

Advertisement No: IITM/RS/24/08/2021

Position: Project entitled “Development of Perovskite/Organic Solar Cell Technology to Harvest Wide Range of Solar/Indoor Light Spectrum” at IIT Mandi, with salary maximum upto Rs. 15,000/- to 40,000/- per month **consolidated**. (*On subject to qualification and experience*)

Fellowship/Salary: The selected candidate will be appointed as Junior Research Fellow (JRF)/Project Associate-I for above project sponsored project in the School of Computing and Electrical Engineering, IIT Mandi.

Duration: The appointment will be made initially for a period of 1 Year, further extension based on the performance/project extension/extend.

Additional information:

*** Deserving candidate may have the opportunity to join MS or Ph.D. at IIT Mandi as full-time/part time on the subject to fulfilling eligibility criteria and satisfactory performance as per Institute norms.

Essential Educational Qualification: Potential candidates should have B.Tech ECE/EE/Instrumentation or MS or M. Tech. in Electronics Science/Physics/Material Science (with valid NET or GATE score preferable) or equivalent degree with 70% marks.

Desirable Qualification

- Good knowledge in solid-state device physics.
- Experimental hand on thin film preparation and device fabrications.
- Knowledge on solar cells, photodetectors and LEDs desirable.
- Knowledge on programming languages such as MATLAB or C++ also required (but not compulsory).

Last Date of Application Submission: 10/09/2021

How to apply: *Eligible candidates should apply via email (quote advert. no IITM/RS/24/08/2021 in subject) with full detail of their qualification on enclosed form at E-mail for applications: c4dfed@iitmandi.ac.in and raviravi82@gmail.com*

Contact Address:

- i) **Dr. Ranbir Singh (PI)**, SCEE, IIT-Mandi. (*For job profile, responsibilities*)
Email: ranbir.singh@projects.iitmandi.ac.in

ii) **Dr. Satinder Kumar Sharma**, SCEE, IIT-Mandi. (*For job profile*)

Email: satinder@iitmandi.ac.in

Center for Design and Fabrication of Electronics Devices (C4DFED)

A4 Building (IIT Mandi Kamand Campus)

School of Computing and Electrical Engineering (SCEE)

Indian Institute of Technology, (IIT), MANDI,

Himachal Pradesh, 175075, India

Terms and Conditions:

- No TA/DA shall be paid to candidates for attending the online Interview.
- The PI & Co-PI reserve the right to conduct or not conduct interview for the post. The Screening Committee may fix higher criteria for shortlisting the candidates and date of online interview will be informed to the shortlisted candidate only.
- PI & Co-PIs reserve the right to fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason. The PI & Co-PIs will also reserve the right to place a reasonable limit on the total number of candidates as per requirement of the nature of project job to be called for interview without any further clarifications/justifications at any level. The decision of the project PIs in this regard will be final.