

Applications are invited for Project Associate (PA)/ Junior Research Fellow (JRF) at Indian Institute of Technology (IIT)-Mandi, MANDI-175005 (H.P.), India.

Advertisement No: IITM/SKS/08/08/2017

Fellowship/Salary: The selected candidate will be appointed as Project Associate/ Junior Research Fellow (JRF) for DST sponsored TSDP project entitled “**Next Generation, Cutting-Edge Indigenous EUVL Resists Technology for Semiconductor Industry**” at IIT Mandi, with fellowship/salary **Rs.20,000-25,000** per month **consolidated**. (*On subject to qualification and experience*)

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

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.**

Last Date of Application: 21/9/2017

ESSENTIAL EDUCATIONAL QUALIFICATION: Potential candidates should have M.Sc. in Physics/ Electronics Science/chemistry/applied chemistry or B.Tech ECE/CHE/Material Science (Valid NET or GATE score preferable) or equivalent degree with 60% marks or M.Tech. in VLSI/ECE/Chemical Engg./Material Sci. Engg./Nanotechnology (NET or GATE score is not desired for M.Tech candidates).

DESIRABLE QUALIFICATION: GATE/NET (JRF/LS)/equivalent or Practical research experience (One or more years after M.Sc.) is preferable. Furthermore, the applicant should have sound understanding about the thin film surface characterizations/thermodynamics at the nanoscale, interaction of radiation with matter at nanoscale dimensions etc. Fundamental science applied to patterning materials.

Age Limit: The upper age limit for JRF shall be 28 years.

Age relaxation: upper age limit is relaxable up to 5 years for SC/ST/OBC/Women and physically handicapped candidates; JRF may get PhD admission in fulfilling admission criteria of IIT Mandi.

How to apply: *Eligible candidates should apply via email with full detail of their qualification on enclosed form at E-mail for applications:*
[**palit.sharma@gmail.com**](mailto:palit.sharma@gmail.com)

Contact Address:**Mr. Kumar Palit**

VLSI Lab, Room No. 112 Academic Block (IIT Mandi Campus)

School of Computing and Electrical Engineering (SCEE)

Indian Institute of Technology, (IIT), MANDI,

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E-mail: palit.sharma@gmail.com

For Further Information: *Please contact the following people:*

- i) Dr. Satinder Kumar Sharma, (Asso. Prof.), SCEE, IIT-Mandi. (*For job profile, responsibilities & VLSI, ECE material science enquiry*) E.mail: satinder@iitmandi.ac.in
- ii) Prof. Kenneth E. Gonsalves, (Distinguish Prof.) SBS, IIT Mandi (*For any material chemistry, EUV, DSA enquiry*) E.mail: kenneth@iitmandi.ac.in
- iii). Dr. Subrata Ghosh, SBS, IIT-Mandi (Asso. Prof.) (*For any organic synthesis enquiry*) E.mail: subrata@iitmandi.ac.in
- iv). Dr. Pradeep Parameswaran, (Asso. Prof.) SBS, IIT-Mandi. (*For any Inorganic synthesis enquiry*) E.mail: pradeep@iitmandi.ac.in

Terms and Conditions:

- No TA/DA shall be paid to candidates for attending the Interview.
- The PI & Co-PI reserve the right to conduct or not conduct interview for the post, in case the circumstances may constitute a Screening Committee to fix criteria after taking into account the qualification and experience of the applicants to shortlist candidates to be called for interview.
- 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 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 PI in this regard will be final.