

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

**Advertisement No:** IITM/SKS/26/12/2018

**Position-1:** ISRO sponsored project entitled “**Design and Fabrication of Interface ASIC for Vibratory Gyroscope Sensor Application**” at IIT Mandi, with fellowship/salary **Rs.20,000-25,000** per month **consolidated**. (*On subject to qualification and experience*)

*(The number of position may be vary as per requirement of the project)*

**Fellowship/Salary:** The selected candidates will be appointed as Junior Research Fellow (JRF)/Project Associate for **Indian Space Research Organization (ISRO), Government of India**, 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, 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.**

**ESSENTIAL EDUCATIONAL QUALIFICATION:** Potential candidates should have B.Tech ECE/ EE/Instrumentation (Valid NET or GATE score preferable) or M.Sc. in Electronics Science (Valid NET or GATE score preferable) or equivalent degree with 60% marks or MS or M.Tech. in Electronics/VLSI/ECE (NET or GATE score is not desired for M.Tech candidates).

**DESIRABLE QUALIFICATION:**GATE/NET (JRF/LS)/equivalent with practical research experience (One or more years after M.Sc.) and the knowledge of **analog and digital circuit design** essential, Hands-on **experience on Matlab and VLSI tools such as Cadence or Synopsys** is important. The applicant must have experience of using Linux operating system preferably.

**Position-2: Project Title:** Photo-catalytic treatment of wastewater for the removal of Azo dyes: Using rGO- TiO<sub>2</sub> based cost effective composite technology.

**Funding agency:** State Council for Science, Technology & Environment

**Salary: Rs. 12,000/- per month**

**Qualification:** Potential candidates should have B.Tech Chemical/ Material Science/Metallurgy/Electrical/Electronics (Valid GATE score preferable) or M.Sc. in Chemistry/ Basic Science (Valid NET score preferable) or equivalent degree with 60% marks or MS or

M.Tech. in Chemical/ Material Science/Metallurgy/ Environment Science/Electronics (NET or GATE score is not desired for M.S, M.Tech candidates).

**Last Date of Application: 10/01/2019**

**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:**

**Co-ordinator**

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, 175005, India**

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

- i) **Dr.Satinder Kumar Sharma**, (PI), SCEE, IIT-Mandi. (*For job profile, responsibilities*) E.mail: [satinder@iitmandi.ac.in](mailto:satinder@iitmandi.ac.in)
- ii) **Dr. Hitesh Shrimali**, (Co-PI) SCEE, IIT-Mandi. (*For any analog design & electronics enquiry*) E.mail: [hitesh@iitmandi.ac.in](mailto:hitesh@iitmandi.ac.in)
- iii). **Dr. Rahul Shrestha**, (Co-PI) SCEE, IIT-Mandi. (*For any digital design & electronics enquiry*)E.mail: [rahul\\_shrestha@iitmandi.ac.in](mailto:rahul_shrestha@iitmandi.ac.in)
- iv) **Dr. Venkata Krishnan**, (Co-PI), SBS IIT-Mandi. (*For photocatalytic & chemistry enquiry*) E.mail: [vkn@iitmandi.ac.in](mailto:vkn@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 & 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.



**Application form**  
**For Indian Institute of Technology, Mandi 175001 (H.P)**

For Office use
Application No: Feb./2018/PDF/ _____

Affix latest colour Passport size Photograph here
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1. Name of the applicant Mr./Ms.  
\_\_\_\_\_ (In block CAPITAL letters)
  2. Father's/ Mother's Name:  
\_\_\_\_\_
  3. Gender: \_\_\_\_\_ 4. Date of Birth: \_\_\_\_\_ 5. Marital Status:  
\_\_\_\_\_
  6. Spouse's Name:  
\_\_\_\_\_
  7. Do you belong to GEN/ SC/ ST/ OBC/ PH category\* \_\_\_\_\_
  - 8(a). Present Mailing Address for correspondence  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Pin code: \_\_\_\_\_ Mobile No: \_\_\_\_\_ E-mail ID: \_\_\_\_\_

- 8(b). Permanent Mailing Address for correspondence  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Pin code: \_\_\_\_\_ Mobile No: \_\_\_\_\_ E-mail ID: \_\_\_\_\_

9. Present and Past Research work/ Employment/ Project details:

S. No.	Position indicating stipend/ salary	Institute's name where employed/ enrolled for research and name of Supervisor	Whether the institute is private or govt.	Duration(Exact dates to be given)	
				From	To

10. Details of academic record starting from Class X onwards:

Degree/ Exam (with discipline)	University / College / Board	Year of Passing	Percentage of Marks / CPI	Class/Grade/Rank	Subjects Taken

11. Any other details you wish to provide:

\_\_\_\_\_

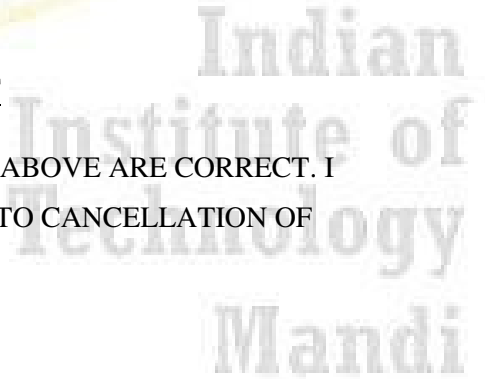
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DECLARATION BY THE APPLICANT

I HEREBY DECLARE THAT ALL THE PARTICULARS FURNISHED ABOVE ARE CORRECT. I AM AWARE THAT ANY INCORRECT INFORMATION MAY LEAD TO CANCELLATION OF MY ADMISSION/ SELECTION.



Date: \_\_\_\_\_

(Signature of the Applicant)

Place: \_\_\_\_\_

Note: Completed application form is to be sent by electronic mail at