



**No.IITM/SRIC/Project No IITM/SERB/BRN/466/2024**

**Date: 11.03.2024**

**Advertisement No.: IITM/SRIC/Project No IITM/SERB/BRN/466/146/2021**

Applications are invited for the Junior Research Fellow (JRF) position under the project titled “Development of Solution-Processed Metal Oxide Semiconductor for Low Power Consumption Display Backplane” in the School of Mechanical and Materials Engineering. The project is sponsored by the Science and Engineering Research Board (A statutory body of the Department of Science and Technology, Government of India).

<b>Title of the Project</b>	Development of Solution-Processed Metal Oxide Semiconductor for Low Power Consumption Display Backplane
<b>Nature of the work</b>	The project involves the development of oxide materials for thin films; thin film characterization; integration of the thin films into the device fabrication; and systematic device characterization.
<b>Funding Agency</b>	SERB
<b>Project Investigator(s)</b>	Dr. Bukke Ravindra Naik
<b>School/Center</b>	School of Mechanical and Materials Engineering (SMME)
<b>Duration of the Project</b>	36 Months
<b>Duration of appointment</b>	The renewal of services for a few months/a year or upto the duration of the project will be based on satisfactory performance. The initial appointment will be for 12 months/year(s) or the end of the project (whichever is earlier).
Junior Research Fellow (JRF)*/ Project Associate-I	01 No.
Basic Salary	Rs 33, 480/- per month (including HRA) for JRF/ Rs. 25000+ HRA for Project Associate-I
Qualifications	<b>Minimum Qualification:</b> B.Tech/M.Tech in Materials Science and Engineering, Chemical Engineering, Electrical and Electronic Engineering, or physics or an equivalent degree in Science.  *GATE qualification once in academic carrier is required for JRF position.  <b>Desirable:</b> Experience in materials synthesis and characterization. Hands-on experience with electronic device fabrication
<b>Leave entitlement</b>	<b>As per the institute’s norms</b>
<b>Last date of application</b>	11.04.2024, 5 PM.

Candidates interested in applying for the aforementioned position should submit a comprehensive CV as a PDF attachment via email. The CV should include personal details, academic qualifications, research experience, publications, name, affiliation, mobile number, email address of two referees, information regarding educational qualifications indicating percentage of marks/division, details of work experience, etc. Please ensure to include the advertisement number in the subject line of the email. Kindly address the email to **Dr. Bukke Ravindra Naik**, the Principal Investigator (PI) at email id: [ravindra@iitmandi.ac.in](mailto:ravindra@iitmandi.ac.in).

Relaxation of marks may be granted to the SC/ST Candidates as per GoI norms. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing GoI rules/norms. **The last date for submitting the completed applications by email is 11.04.2024 by 5.00 p.m.**

IIT Mandi reserves the right to fix higher criteria for shortlisting eligible candidates from those satisfying the advertised qualifications and requirements of the project post. The names of the shortlisted candidates will be either displayed on the website or communicated individually along with **the offline/online interview details**.

In case any clarification is required on eligibility regarding the above post, the candidate may contact at email id: [ravindra@iitmandi.ac.in](mailto:ravindra@iitmandi.ac.in)