



DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
(Institute of National Importance)
G T Road Bye pass, Jalandhar -144011, Punjab (India)

Advertisement for Junior Research Fellow

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

Date of Interview: **18th February 2022**

Time: **10 AM**

Mode: Google meet link: <https://meet.google.com/ask-gxgt-sbp>

1	(a). Name of the temporary assignment:	Junior Research Fellowship (JRF)
	(b). Number of Post	01
2	Name of the Research Project	Development and Performance Evaluation of Cryocooler based Cryosorption pump for Space Applications
3	Name of the Sponsoring Agency	SERB-DST
4	Department	Instrumentation and Control Engineering
4	Tenure of the Project	02 Years
5	Tenure of the Assignment	01 year
6	Job Description	To perform work assigned and assist the PI in various phases of the research project.
7	Consolidated monthly Fellowship/Salary	INR 31,000/- per month
8	Essential Qualifications and experience	BE/B.Tech (Mechanical/ Instrumentation/ Computer/ Mathematics or Relevant Branch) and ME/M.Tech in (Mechanical/ Instrumentation/ Computers/Mathematics or Relevant Branch) and related areas. The candidate must be familiar with NX CAD, ANSYS, MATLAB, AUTOCAD, FEM. Candidate must have qualified GATE
	Other Benefits	The selected candidate may be registered for Ph.D. at NIT Jalandhar as per the institute norms.

How to apply:

Interested candidates are requested to **send their application in the prescribed application format given below along with detailed CV and photocopies of certificates** to Dr. Ravi Verma, Assistant Professor, Department of Instrumentation and Control Engineering, NIT Jalandhar, Mob. No- 9996242987, via e-mail at vermaravi@nitj.ac.in with subject line “JRF application for SERB Project” latest by **16th February 2022**.

The CV should include details of academic grades starting from Tenth standard onwards with details of year of passing, university/college, etc. and also work experience and nature of work if applicable.

Registrar

3. GATE/CSIR/UGC/LS-NET/Others National Exam Details

Examination Details	Branch	Year	Valid Up to	Percentile (&Score)	All India Rank

4. Professional Experiences (Teaching/Research/Industrial) if any

Name of Organization	Designation	Nature of Work	From	To

5. List of Research Publication (if any):

6. Expertise (How to fit to implement the project):

7. Any other Relevant Information:

DECLARATION

I am willing to work as a Junior Research Fellow in the research project entitled “Modeling and analysis of quantum Effects for Sub-10 nm node nanowire based devices”. I undertake to engage myself whole time for research under the guidance of the Principal Investigator of the scheme. I hereby declare that particulars supplied by me and the entries made in this application form are correct to the best of my knowledge and belief. If selected for the position, I promise to abide by the rules and regulations of the Institute and instructions issued by SERB-DST from time to time.

Place :.....

Date:

Signature of the Applicant

List of enclosures: