



DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
(Institute of National Importance)
G T Road Bye pass, Jalandhar -144008, Punjab (India)

File No.: CRG/2020/002502

Date :.....2023

JRF position under SERB Funded Project, Government of India

Applications are invited under the sponsored project. The details of the project are as under:

Position	Junior Research Fellow (JRF)
Number of Position (s)	One (01)
Title of The Project	Modeling and analysis of quantum Effects for Sub-10 node nanowire based devices
Principal Investigator	Dr. Ashish Raman (Associate Professor), Department: Electronics and Communication Engineering Department, NIT Jalandhar, Grand Trunk road, Barnala-Amritsar, Bypass road, Jalandhar, Punjab 144011, E-mail: ramana@nitj.ac.in , M: +91-9888217273
Tenure of Project	The position is purely temporary and co-terminus with the project which is sanctioned up to 22 March 2024 or till the completion of the project.
Essential Qualification	BE/B.Tech (ECE or Relevant Branch) and ME / M.Tech in VLSI / Microelectronics / Nanoelectronics / Electronic System and related areas with minimum of first class from a reputed institute or In case class is not specified in degree then minimum 60% marks or 7.0 CGPA will be considered as 1 st class. The Preference should be given to GATE/NET qualified or PhD degree/Thesis submitted in relevant field. The experienced/Higher qualification person may be eligible for higher fellowship. Candidate must have good knowledge is TCAD/VLSI design tool is desirable. Additional Terms and conditions as per SERB Guidelines for JRF.
Desirable Qualification	Working knowledge of TCAD/CADANCE/SYNOPSYS and MATLAB will be an added advantage.
Age and Relaxation (if any)	Age relaxation for SC/ST/OBC/PH/Female candidates as per GoI rules
Fellowship	Rs. 31,000/- (Per month for first two years), Rs. 35,000/- (Per month for third year) plus HRA as per norms.
Last Date & Time	Eligible candidates may apply by sending their detailed Bio-data and copies of educational qualifications, age proof, and proof of research experience (if any), valid cast certificate (if applicable) and annexure I, should reach to the Principle Investigator by E-mail (ramana@nitj.ac.in) in soft copy on or before 29/08/2023 The e-mail subject line should read as “ Application for the Post of JRF in SERB Project ”
Tentative Date of Interview:	To be communicated through email (Online Mode)
Reporting Time:-	Online (Link will be provided at the time of interview)
Venue:-	
<ul style="list-style-type: none">• The appointment of the staff member will be purely temporary/ ad-hoc /contractual basis and valid for the above period as mentioned above or until the services are required by the Project PI, whichever is earlier.• The services of the staff member will be liable to termination at any time without any notice and without assigning any reason.• The appointment shall be specifically for the aforesaid Project and staff member will not have any claim / right on any post in the University.• Shortlisted candidates will be informed through email on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay, if required. No TA/DA will be paid to attend the interview.	

**Application Format for Junior Research Fellow (JRF) to work
in the DST-SERB sponsored project**

1. Personal Details

Full Name (In capital).....

Date of Birth* (DD/MM/YY).....

Category(General/SC/ST/OBC)

Age(inyears).....

Gender(Male/Female).....

Marital Status (Single/Married)..... Nationality.....

Address for Communication

.....
.....
.....

..... Mobile No.

Email:.....

Duration you are available for the position:.....

Are you interested to register for Ph.D. at NIT Jalandhar, if selected: Yes/No.?

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2. Details of School/University/Institute Studied (From 10th/Matriculation Onward)

S. No.	Degree	Discipline	University/Institute	Regular/Part-time	Year	%Marks/CGPA*	Division

3. (i) Title of PG Thesis

4. (i) Title of PhD Thesis (If applicable)

5. GATE/CSIR/UGC/LS-NET/Others National Exam Details (if applicable)

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

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

Name of Organization	Designation	Nature of Work	From	To

7. List of Research Publication (if any):**8. Expertise (How to fit to implement the project):****9. 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 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: