



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

File No.: EE-9/2/2021-R&D-E

Date :26/08/2023

Project Associate and Sr. Project Associate position under MeitY Funded Project, Government of India

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

Position	Project Associate (01), Sr. Project Associate (01)
Number of Position (s)	Two (02)
Title of The Project	Design and development of System on Chip based next generation IoT System for Industry 4.0 with Functional Safety and Security Features
Chief Investigator	Dr. Ashish Raman (Associate Professor), Department: Electronics and Communication Engineering Department, NIT Jalandhar, Grand Trunk road, Barnala-Amritsar, Bypass road, Jalandhar, Punjab 144008, 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 May 2027 or till the completion of the project.
Essential Qualification	Project Associate: 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. Preference should be given to GATE/NET qualified. Candidate must have good knowledge is VLSI/TCAD design tool i.e. Cadence, Synopsys, Mentor Graphics etc is desirable. Additional Terms and conditions as per funding agency Guidelines. Sr. Project Associate: In addition of above, the preference is to be given to PhD degree/Thesis submitted or M.Tech with experienced person.
Desirable	Project Associate: Working knowledge of TCAD/CADANCE/SYNOPSIS /MATLAB and Chip Tap out will be an added advantage. Sr. Project Associate: As above with desirable experience with 01 – 03 years with working knowledge in the field of VLSI Design.
Age and Relaxation (if any)	Age relaxation for SC/ST/OBC/PH/Female candidates as per GoI rules
Fellowship/Salary	Project Associate: Rs. 45,000/- (Per month) and 10 % Increment per year. Sr. Project Associate: Rs. 54,000/- (Per month) and 10 % Increment per year.
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 10/09/2023. The e-mail subject line should read as “Application for the Post of Project Associate/ Sr. Project Associate in MeitY Project”
Date of Interview:	To be notify (Online Mode)
Reporting Time, Venue:-	Online (Link will be provided at the time of interview)

- Selected candidate may register for a Ph.D. programme under CI in ECE department, NIT Jalandhar as per the NITJ PhD rules and regulations.
- 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 Institute/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 Project Associate and Sr. Project Associate to work
in the MeitY sponsored project**

1. PersonalDetails

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:.....

Name of The Post Applied :

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

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

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

3. (i) Title of PG Thesis

(ii) Title of PhD Thesis (If applicable)

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

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

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

Name of Organization	Designation	Nature of Work	From	To

6. List of Research Publication (if any):

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

8. Any other Relevant Information:

DECLARATION

I am willing to work as a Junior Research Fellow in the research project entitled “Design and development of System on Chip based next generation IoT System for Industry 4.0 with Functional Safety and Security Features”. 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: