



**OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI**

**ADVERTISEMENT FOR THE POST OF  
JUNIOR RESEARCH FELLOW (JRF) and LABORATORY ENGINEER**

Reference Number: CSoCDF/JRF&Lab.Engineer/Project/01

Dated 27-11-2024

Applications are invited from Indian Nationals only for Project Positions as per the details given below, for research project, under the principal investigator **Dr. G. Lakshminarayanan, Professor, Department of Electronics and Communication Engineering**, in **National Institute of Technology, Tiruchirappalli-15, Tamil Nadu**.

Title of the Project: **Development of Indigenous / Shakti Processor based SoC Designs.**

1. Funding Agency for the Project: **Centre for System On-Chip (SoC) Design and Fabrication**
2. Project Positions and Number: **Junior Research Fellow (JRF)-01 & Laboratory Engineer - 01**
3. Qualifications:

**1. Junior Research Fellow (JRF)-01:**

**Essential Requirements:** B. E/ B. Tech in Electronics & Communication Engineering with First Class from a recognized University/ Institute and M. E/ M. Tech/ M.S. in VLSI Design / Embedded Systems / Microprocessors any other specialization in ECE related to VLSI. Knowledge and experience in VLSI Tools will be an added advantage.

**2. Laboratory Engineer-01**

**Essential Requirements:** B. E/ B. Tech in ECE/EEE/ICE with First Class from a recognized University/ Institute  
**Desirable:** Minimum 1 year experience with the relevant field of VLSI/ASIC and having strong understanding on front-end/back-end developments in FPGA/ASIC projects, RTL, verification and physical design.

4. Emoluments: **Rs.35,960/-** per month (consolidated) for the first 2 years and **Rs.40,600/-** per month (consolidated) for remaining three years for JRF. **Rs.25,000/-** per month (consolidated) for the first 2 years and **Rs.30,000/-** per month (consolidated) for remaining three years for the Lab Engineer
  5. Duration: **60 Months** (extension based on performance review every 12 months)
- A. Job Description: To support various critical research and development tasks, developing novel ideas, data collection, project execution, and preparation of technical articles and reports.
  - B. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
  - C. Eligible candidates may send the scanned copy of their duly filled applications, only in the prescribed format given below along with the relevant supporting documents by email to: **bnkreddy@nitt.edu** with the subject marked as **“JRF/Lab Engineer Application-CSoCDF PROJECT”**.
  - D. Application should be furnished only in the prescribed format.
  - E. Experience including research, industry and others.
  - F. Attach, self-attested copies of educational and experience certificates.
  - G. The date of interview will be communicated to the shortlisted candidates by **E-mail**.
  - H. Candidates shall bring along with them the original certificates at the time of interview for verification.
  - I. Please note that no TA/DA is admissible for attending the interview.
  - J. The last date and time of submission of duly filled in application **30.12.2024 at 5 pm**.

**(Dr. G. Lakshminarayanan)**  
**Principal Investigator**

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHI**  
**RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR THE**  
**POST OF JRF & Lab. Engineer – SPECIMEN TEMPLATE**

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant          .....</p> <p style="text-align: center;">Signature of the Application Screening Committee Chairman</p>	<p style="text-align: center;">Paste here your          recent passport size          colour Photograph</p>
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**APPLICATION FOR THE POST OF JRF**

1. Name of the Candidate in full					
2. Nationality					
3. Mother Tongue					
4. Date of Birth	Date	Month	Year		
5. Sex	Male / Female				
6. Marital Status	Married / Single				
7. Category      SC / ST / OBC / General	Please specify				
8. Address for communication with Mobile number and E Mail ID					
9. Project Title					
10. Name of the Post applied for					
11. Reference Number with Date					
Academic Career : Enclose photo copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPF from HSC onwards					
Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks / GCPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

Enclose self-attested Xerox copies

12. GATE Score (If any).....Subject .....  
Year.....

13. NET Score (If any) .....Subject .....  
Year.....

14. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

14. Previous Research work and publication, if any (enclose copies of published or unpublished work)

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15. Proof of past study as a sponsored candidate, or other contractual obligation, if any:

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16. Reference

Name	Address	Phone & E Mail ID

17. I do not have a relative among Faculty and Staff of the NIT, Tiruchy.

18. Declaration: I do hereby that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date:

Full signature of the Applicant

List of Enclosures: (1)  
(2)  
(3)  
(4)