



NATIONAL INSTITUTE OF TECHNOLOGY PATNA  
(An Institute under Ministry of HRD, Govt. of India)  
ASHOK RAJPATH, PATNA-800 005, (BIHAR)

ECC/NITP/INT/30/22

24-03-2022

**Advertisement for the post of JRF (Electronics and Communication Engineering)**

Applications are invited from the Indian nationals for the following position as details given under the research Project titled, "**Design and Development of Emerging Nanoelectronic Transistor Based Physically Unclonable Functions (PUFs) as the Security Primitive Elements for IoT Devices**" Science and Engineering Research Board (SERB), Department of Science & Technology, Government of India, under the supervision of Dr. Meena Panchore, Department of Electronics and Communication Engineering, National Institute of Technology Patna, Bihar, India, for a period of 36 months (Three Years) or whenever the project gets completed. Date of commencement of the project is 14<sup>th</sup> March 2022.

**The details of the position are given below:** Junior research fellow (JRF): 01(one), Rs. 31000/- (Thirty-one thousand consolidated only) + 16% HRA per month for the first two years (counted from the date of joining) and 35000/- (Thirty-five thousand consolidated only) + 16% HRA per month thereafter till the completion of project.

**Educational qualification:** Candidates should have ME/MTech in the discipline of ECE (Microelectronics/ VLSI/Nanotechnology) with minimum 60% marks or equivalent CGPA with GATE qualified.

**Desirable requirements:** The Applicants are desired to know the basics of digital circuits, memory devices, fabrication, characterization and modeling of emerging nanoelectronic transistor, PUFs, IOT devices, good knowledge of SPICE simulator and Verilog/VHDL.

**Age Limit:** 30 Years or below, as on the last date for receipt of application. Relaxation for SC/ST/OBC/PH/Female candidates will be given as per Department of Science & Technology, Govt. of India and Institute rules, as applicable.

**How to Apply:** The filled application (Annexure I) with complete biodata and scanned photo, copies of all testimonials should be sent by **email to [meenap.ec@nitp.ac.in/](mailto:meenap.ec@nitp.ac.in) [actmeenapanchore@gmail.com](mailto:actmeenapanchore@gmail.com) on or before 15<sup>th</sup> April 2022.**

**Note:**

1. The above positions are purely contractual for one year and can be extended based on the performance.
2. Shortlisted candidates and date of interview will be notified via email.
3. Candidates have to appear for interview with a copy of Biodata, 2 passport size photos, original certificates and one copy of self-attested documents (**interview may be conducted online or offline, as applicable**).
4. An applicant has to ensure the authenticity of information provided in support of experience claimed, other documents and photograph (ID Proof).
5. No TA/DA will be paid for appearing in the Interview.
6. No-Objection certificate has to be submitted by the candidates who are already employed.
7. Selected candidate will be informed via email.

(Dr. Meena Panchore)  
(PI of the Project)

सहायक प्राध्यापक/Assistant Professor  
इलेक्ट्रॉनिक्स एवं संचार अभियंत्रण विभाग  
Electronics and Communication Engg. Dept.  
राष्ट्रीय प्रौद्योगिकी संस्थान पटना  
National Institute of Technology Patna  
पटना-800005 बिहार, भारत  
Patna-800005, Bihar, India

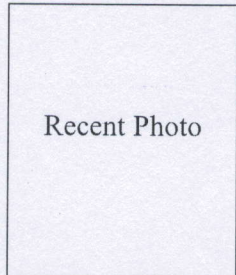


ANNEXURE-I

NATIONAL INSTITUTE OF TECHNOLOGY PATNA

ASHOK RAJPATH, PATNA—800 005, (BIHAR)

APPLICATION FOR JUNIOR RESEARCH FELLOSHIP



1.	Name in full (in capital letters)			
2.	Father's Name			
3.	Mother's Name			
4.	Date of birth (Please attach true copy of certificate)			
5.	a) Marital Status:		b) Gender:	
6.	a) Permanent address:		b) Correspondence Address:	
	Phone No. (including STD code)		E-mail ID	
7.	Nationality			
8.	Category under which you are seeking reservation/relaxation			
9.	Were you at any time declared medically unfit; asked to submit your resignation; discharged or dismissed from Govt./PSU/ Autonomous Body or Private Service? If yes, give details in a separate sheet.		Yes/No	



**10. Details of Educational Qualification (from Secondary Level):**

Exam. Passed	Specialization	Board/University	Passing Year	Class/Division	% marks/CGPA
10 <sup>th</sup>					
12 <sup>th</sup> /equivalent					
UG					
PG					
Others					
GATE /NET /Others					

**11. Details of employments:**

S.No.	Name and address of Employer	Designation	Pay-scale	Dates		Brief description of duties	Reasons for leaving
				From	To		
1.							
2.							
3.							

**APPLICANT'S DECLARATION**

"I hereby declare that I fulfil the eligibility conditions to the post and that the statements made by me in form are true, complete and correct to best of my knowledge and belief."

Place:

Date:

Signature of Applicant  
Name: