



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(An Institute of Nation Importance)
Department of Electronics and Communication Engineering
(Form – E-3)

Ref. No: NITW/ECE/VN/SERB/JRF/2022

Date: 29/06/2022

Advertisement for position of JRF recruitment under a research project

Project title	Design and Optimization of Novel Negative Capacitance (NC) FET for Low-Power and High-Switching Applications
Sponsoring agency	Science and Engineering Research Board (SERB) Govt. of INDIA
Position title	Junior Research Fellow (JRF)
Duration (in years)	3
Number of position(s)	One
Essential qualification	B.E./ B.Tech/ in ECE (First Class) and M.E./M.Tech in ECE (First Class) with specialization in VLSI Technology or VLSI System Design or Microelectronics and VLSI or Equivalent with valid GATE Score
Age limit	28
Age relaxation	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
Desired qualifications	Prior knowledge/ prior experience in Semiconductor Device Modeling, Physics of Nanoelectronic devices, Advanced MOS devices, Hands on experience of TCAD Tools, etc.
Emoluments	Rs. 31,000/- pm for the first 2 years and 35,000/- pm for the third year.
HRA/ Accommodation	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	Analytical modelling, Design, Simulations, Performance optimization of NCFET and NWFET, Publication of research articles
Other benefits	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However s(he) needs to apply for PhD position when the advertisement is open.
How to apply?	The perform of application is attached with this advertisement. Complete and send to an email narendarv@nitw.ac.in
Submission mode	Soft copy
Last date to apply	06/07/2022
Whom to contact?	Name: Dr. Vadthiya Narendar Designation: Assistant Professor Department: Electronics and Communication Engineering National Institute of Technology Warangal – 506 004 Telangana State, India
Contact Email ID	narendarv@nitw.ac.in

Please note:

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form
- List of eligible candidates will be announced on the institute website and also intimated through email or phone.
- Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)
- If Interview need to be conducted online, candidates are expected to have good internet connection
- No TA/DA will be paid for attending interview
- Final semester students can also apply with last sem/year aggregated Marks

**APPLICATION FOR THE POSITION OF JRF POSITION UNDER SERB SPONSORED
RESEARCH PROJECT**

Advt. No. NITW/ECE/VN/SERB-JRF dated 11/04/2022

(Please enclose a copy of bio-data/ resume/ curriculum-vitae)

1. **Name of the candidate** :
2. **Father's name** :
3. **Date of birth (DD/MM/YYYY)** :
4. **Sex** : Male/ Female
5. **Marital status** : Single/ married
6. **Category** : OC/OBC/SC/ST
7. **Educational qualifications**

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.E./B.Tech					
M.E./ M.Tech.					
Ph.D.					

8. GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified

Score	Year appeared	Score	All India rank
GATE			

9. Research/Industrial/Teaching experience

S.No.	Organisation/ industry served	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. Publications:

11. Any other relevant information:

Declaration

I hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. I confirm, that I am available for ONLINE interview, if necessary.

Date:

Signature of the candidate