



DELHI TECHNOLOGICAL UNIVERSITY

Established by Govt. of Delhi vide Act 6 of 2009
(FORMERLY DELHI COLLEGE OF ENGINEERING)
BAWANA ROAD, DELHI-110042

Advertisement No. 03

Date: 06-10-2022

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from Indian nationals for the following position as details are given below.

Project Title	Design and Development of Reconfigurable Silicon Nanowire Schottky Barrier Transistors for Biosensor Applications
Sponsoring Agency	Science and Engineering Research Board (SERB) Govt. of INDIA
Principal Investigator	Dr. Sumit Kale, Assistant Professor, Department of ECE, DTU Delhi
Duration	29 months approx.
Number of Position	One
Essential Qualification	B.E./B. Tech Degree in Electronics and Communications, Electrical Engineering, Electrical, and Electronics Engineering with First Class and GATE qualified . Or M.E./M.Tech in the discipline of ECE, Electrical (Microelectronics/VLSI/Digital Design, etc.) with a minimum of 60% marks or equivalent CGPA with GATE qualified .
Desired qualifications	Prior knowledge of Nanoscale Device Simulation, Modeling, Fabrication Physics of nanoscale devices, and Hands-on experience of TCAD Tools.
Monthly Emoluments	Rs. 31,000/- + 24% HRA per month (as per SERB guidelines) for first 2 years Rs. 35,000/- + 24% HRA per month (as per SERB guidelines) for 3 rd year
Job Description	Design, Simulation, Modeling, and Fabrication of Silicon Nanowire Devices for Biosensor Applications
How to apply?	The proforma of the application form is attached in ANNEXURE-I. Fill it out completely and send it to an email at sumit.kale@dtu.ac.in . Also, enclose a brief resume/CV with the application form.
Last date to apply	20/10/2022
Terms and Conditions: <ul style="list-style-type: none">• The above positions are purely contractual for one year and can be extended based on performance.• Shortlisted candidates and the date of the interview will be notified via email.• An applicant has to ensure the authenticity of the information provided in support of the experience claimed, other documents, and photographs (ID Proof).• Selected candidates encourage to join Ph.D. in DTU, Delhi.• No TA/DA will be paid for appearing in the Interview.• No-Objection certificate has to be submitted by the candidates who are already employed.• Selected candidates will be informed via email.	

Dr. Sumit Kale
Principal Investigator



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APPLICATION FOR JUNIOR RESEARCH FELLOW

Recent Photo

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 th					
12 th /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: