



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

(An Institution of National Importance)

Department of Physics

Warangal, 506004, Telangana, India

(E-3)

Ref. No.: NITW/PHY/VK/SRG/2021/001375

Date: 12/12/2022

Advertisement for the Position of JRF

Project title	Machine learning assisted structured light demultiplexing using nanostructures
Sponsoring agency	DST-SERB
Position title	Junior Research Fellow (JRF)
Duration (in years)	2 years
Number of position(s)	One
Age limit	28
Essential qualification	<ul style="list-style-type: none">• The candidate must have a valid GATE/NET/CSIR-JRF/UGC-JRF• B.Sc. with Physics as one paper (1st class)• MSc./MSc (Tech) in Physics/Engineering (1st class)
Desired qualifications	<ul style="list-style-type: none">• Strong interest to work in the field of Optics, Nanophotonics, Artificial Intelligence (AI), and Machine learning,• Programming: MATLAB, Python
Emoluments and HRA/ Accommodation	Rs. 31,000/- + Rs. 4,960/- (16 % HRA as per norms) per month for 2 years. The selected candidate opting campus accommodation, subjected to the availability are not eligible for HRA.
Job nature	<ul style="list-style-type: none">• The selected candidate needs to carry out experiments to study light-matter interactions at nanoscale.• The selected candidate will develop AI model for information decoding
Other benefits	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However, he/she needs to apply for PhD position when the advertisement is open.
How to apply?	Application form is attached with this advertisement. Send the filled application form to email vijay@nitw.ac.in along with a Bio data/CV and scanned copy of certificates in a single pdf.
Submission mode	Soft copy
Last date to apply	11/01/2023
Whom to contact?	Dr. Vijay Kumar Principal Investigator (DST-SERB project) Assistant Professor, Department of Physics, NIT Warangal, Telangana-506004, India
Contact Email ID	vijay@nitw.ac.in
Please note:	<ul style="list-style-type: none">○ The position is purely temporary and terminable at anytime with the progress and conduct of the candidate is not satisfactory.○ 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)○ Result awaited candidates can also apply with last sem/year aggregated marks.

Application for the position of JRF under the DST-SERB-SRG project

Advt. No. _____ dated _____

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

1. Name of the candidate
2. Father's name
3. Email (Gmail) & Phone no
4. Date of birth
(DD/MM/YYYY)
5. Sex Male/ Female
6. Marital status Single/ married
7. Category OC/OBC/SC/ST
8. Educational qualifications

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.Sc.					
M.Sc.					

9. GATE/ NET/ Inspire score earned/ qualified

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

10. Research/Industrial/Teaching experience

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

11. Postal Address

12. 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