राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)
(An autonomous Institute under the aegis of Ministry of Education, Govt. of India)
Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA
दूरभाष/Tele: +9111-33861000, 1001, 1005 फैक्स/ Fax: +9111-27787503
Website: www.nitdelhi.ac.in

Ref.: DST/ICD/BRICS/Call-5/3DBioPhoto/2023(G)   September 25, 2024

Advertisement for Junior Research Fellow (JRF) in DST-sponsored research project

Applications are invited from highly motivated and eligible candidates for the post of Junior Research Fellow (JRF) in the DST-sponsored research project. The details of the project and post are given below:

Project Details:

Title of the Project	*3D photonic bioprinting assisted by 2D materials for the new generation of biomedical devices*
Project duration	03 years
Principal Investigator	Dr. Anuj Kumar Sharma, Associate Professor (Physics) Department of Applied Sciences, National Institute of Technology Delhi

Details of the Post:

Name of the Post	Junior Research Fellow (JRF)
Number of posts	One (01)
Monthly emoluments	Rs. 37,000/- + 27% HRA
Essential Qualifications	M.Tech./M.E./M.S./M.Sc. degree in Physics/Instrumentation/Electronics/Biomedical Engineering/Applied Optics/Opto-electronics/equivalent streams in relevant areas with first class, with a qualified GATE score and/or CSIR-UGC NET.
Desirable qualification	• Good academic record and knowledge in the relevant area (2D materials, fiber optics, MATLAB/COMSOL/Python/other programming tools/computer languages, and machine learning) and prior work experience in the area of sensors/biosensors. • Preference will be given to the candidate having related experience in the field of Bio-photonics.
Job role and skill requirements	• Research work on optical sensors/biosensors • Photonic/Biomedical Device/sensor modelling • MATLAB/Python Programming • Good analytical ability and competency in technical writing skills.

How to Apply

➢ Interested candidates are requested to apply in the prescribed format (given below) by October 10, 2024.

➢ The duly filled application Form along with all enclosures (CV, mark sheets, degree certificates, GATE scorecard/NET certificate and other relevant documents) must be sent as a single PDF file to following email ids: anujsharma@nitdelhi.ac.in

➢ In the subject line, please specify "**Application for JRF position in DST project (3DBioPhoto)**". Provide complete information with regard to all essential eligibility conditions, incomplete applications will be rejected.

➢ **Last Date to Apply:** **October 10, 2024**

Candidates are advised to also note the following points:

1. Selection committee of NIT Delhi reserves the right to fix suitable criteria for shortlisting of eligible candidates.
2. The upper age limit for JRF shall be 28 years. Age relaxation: upper age limit is relaxable upto 5 years for SC/ST/OC/Women and physically handicapped candidates.
3. Candidates will be shortlisted for the interview based on eligibility, merit, and experience of the available candidates. Decision of selection committee will be final. The date and time of interview will be informed by email only.
4. No TA/DA will be given to the candidates called for the interview.
5. Appointment will be contractual in nature and as per Institute terms and condition.
6. Selected candidate may be considered for PhD programme of the institute.
7. The fellowship will be offered initially for a period of one year, **which can be extended further for one more year depending on the performance evaluation by committee**.

For any further information/clarifications, the applicants may contact PI directly via email.

Dr. Anuj K. Sharma
Associate Professor (Physics)
Department of Applied Sciences
National Institute of Technology Delhi
INDIA
Phone: +91-11-33861252
Email: anujsharma@nitdelhi.ac.in

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)
(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)
Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA
दूरभाष/Tele: +9111-33861000, 1001, 1005 फैक्स/ Fax: +9111-27787503,
वेबसाइट/Website: www.nitdelhi.ac.in

<u>Application Form for the Position of JRF under DST Project</u>

Application for the post of ....

A. Personal Details:

			Attach a Passport size Photograph
1.	**Name (in block letters):**		
2.	**Father's Name:**		
3.	**Date of Birth:**		
4.	**Gender:**		
5.	**Email Address:**		
6.	**Marital Status (Single /Married)**		
7.	**Contact Number (s):**		
8.	**Address for correspondence:**		
9.	**Permanent Address:**		
10.	**Category (Gen./OBC/SC/ST):**		
11.	**Aadhar Number**		

B. Educational Details:

Degree	Subjects	University/Institution	Year of passing	Grade or % of marks
10th				
12th				
Undergaduate				
Postgraduate				
Other				

C. Experience Details (Teaching/ Industry/ Research)
(In reverse Chronological order i.e. starting with latest experience first)

3

S. No.	Organization	Designation	Nature of Work	Duration	Salary
					4

D. Details of GATE/NET Qualification

Qualification Year	
Discipline	
Score	
Rank	
Marks Obtained	
Validity upto	

E. Other Details

Details of Professional Skills	
Title of project dissertation	
How the above position is helpful in meeting your career goal (Max 250 words)	Attach a separate sheet
Details of Research Publications (If any)	Attach a separate sheet
Any other relevant information	
References (Two) (Name of two referees who are familiar with your academic and research background)	1. _____ 2. _____

DECLARATION

 I hereby declare that the above information is correct to the best of my knowledge and belief. I understand that my candidature will be cancelled if any information is found incorrect at any given period of time.

(Signature of the applicant)

Date: **Name of the Applicant:**

Place:

Note: Original Certificate with one copy to be brought at the time of Interview only.