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DELHI TECHNOLOGICAL UNIVERSITY
Established under Govt. of NCT of Delhi Act 6 of 2009
(Formerly Delhi College of Engineering)
Bawana Road, Shahbad Daulatpur, Delhi-110 042

ADVERTISEMENT TO FILL UP PROJECT POSITION

Applications are invited for the project position as per the details given below for the research project under the principal investigator (Name: Dr. Mukhtiyar Singh), Department of Applied Physics, Delhi Technological University, Delhi (INDIA).

1. Title of the project: **Machine Learning assisted First-Principles study of Anomalous Nernst Effect in Weyl Semimetals**
2. Sponsor of the project: **SERB-DST, Department of Science and Technology, Government of India**
3. Detail of the post:

Name of Post	Junior Research Fellow
Number of Posts	01 (One)
Duration	20 months or till the completion of the project, whichever is earlier
Monthly Emolument	Rs. 31,000 pm +HRA (as per DST norms)
Essential qualifications	M. Sc. in Physics/Applied Physics or B. Tech./ M. Tech. in Engineering Physics with minimum 60% marks (or 6.5 CGPA) along with good academic credentials, and strong motivation for the research in the subject area. The candidate should have a valid CSIR-UGC NET or a valid GATE score.
Desirables	<ul style="list-style-type: none">• Experience in programming, machine learning, Linux operating system.• Knowledge of density functional theory
Age limit	JRF-28 years

How to Apply: Interested candidates must send the following documents in a single PDF file to mukhtiyarsingh@dtu.ac.in (Dr. Mukhtiyar Singh) on or before 01-07-2025 with the subject of the email as "**Application for JRF/SRF position**".

- Filled application form in the attached format.
- A one-page cover letter describing the background and how it will help to pursue the project.
- Resume with complete qualifications, CGPA or % marks and experience details.
- Soft copy of all degree certificates (high school onwards) along with a proof indicating date of birth.
- Proof of GATE/NET qualification.

The shortlisted candidates will be called for interview.

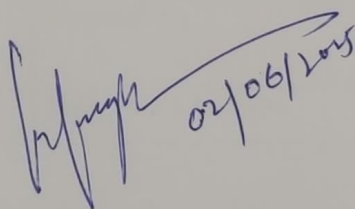
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Important Points to be Noted

1. The position is purely on temporary basis and will be governed by the administrative conditions of IRD cell, Delhi Technological University, Delhi.
2. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply for.
3. Candidates shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of the interview for verification.
4. No TA/DA is admissible for attending the interview.
5. Candidate should have good bench work capability, technical and scientific writing skills, and working knowledge of computer.
6. The interview schedule will be notified to the shortlisted candidates by email on the provided valid email ID soon after the last date of application.
7. The position is temporary and is extendable till the completion of the project subject to satisfactory performance.
8. The applicant will be responsible for the authenticity of the information and documents submitted.
9. Candidate selected for this position may be considered for the regular PhD program provided he/she qualifies the eligibility criterion for PhD program at DTU, Delhi.

For any further information, please contact the principal investigator:

Dr. Mukhtiyar Singh, Assistant Professor
Department of Applied Physics, Delhi Technological University
Shahbad Daulatpur, Main Bawana Road, Delhi-110042 (India)
Email: mukhtiyarsingh@dtu.ac.in

 02/06/2025



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(DEPARTMENT OF APPLIED PHYSICS)

Application form for Junior Research Fellow (JRF) to work in the DST-SERB sponsored project

Recent Photograph

Personal Details

Full Name (In capital)			
Father's Name			
Mother's Name			
Date of Birth (DD/MM/YY)		Category (General/SC/ST/OBC)	
Age (in years)		Gender (Male/Female)	
Marital Status (Single/Married)		Nationality	
Address for Communication		Permanent Address	
Mobile/Phone No.		Email:	

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Details of School/University/Institute Studied (From Matriculation Onward)

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA *	Division
1.							
2.							
3.							
4.							
5.							
6.							

**[Please also submit softcopy of the semester-wise mark-sheets as well as softcopy of degree]*

Qualifying Examination (GATE/CSIR/UGC/LS-NET/Others)

Qualifying Examination (& name of subject)	Branch	Year	Valid Up to	Percentile (& Score)	All India Rank

Professional Experiences (Teaching/Research/Industrial) if any

Name of Organization	Designation	Nature of Work	From	To

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Research Publication (if any):

[Also attached softcopy of conference/journals papers separately (if applicable)]

Awards, patents, prizes etc. (if any):

Any other Relevant Information:

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the University. I note that the decision of the University is final regarding selection for admission and assignment to a particular Department and field of study. The University shall have the right to expel me from the University at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the University is not desirable. I agree that I shall abide by the decision of the University, which shall be final.

Place:

Date:

Signature of Applicant