



**DEPARTMENT OF COMPUTER SCIENCE**  
**DOON UNIVERSITY**  
**DEHRADUN-248001, INDIA**

**Advertisement for One JRF/PF Position under SERB-DST Sponsored Project**

The Govt. of Uttarakhand established “Doon University” by the State Legislative Assembly Act, 2005 (Act No. 18 of 2005) dated 23-04-2005 with Notification No. 489/Vidhayee and Sansadiya Karya/ 2005, recognized under 12 (B) of UGC Act and accredited by NAAC.

Applications are invited from highly motivated and eligible candidates for Junior Research Fellow (JRF) position/Project Fellow (PF) to work in a time bound SERB-DST, Government of India, sponsored research project undertaken in the Department of Computer Science, School of Physical Sciences of the University. The details are as follows:

Project Title	Designing hybrid introspection enabled VMM-based security architecture to protect against attacks
Principal Investigator	Dr. Preeti Mishra, Assistant Professor, Dept. of Computer Science, Doon University
Co-Principal Investigator	Dr. Emmanuel S. Pilli, Assoc. Prof., Dept. of CSE, Malaviya National Institute of Technology Jaipur
Foreign Research Collaborator	Prof. Vijay Varadharajan, Global Innovative Chair in Cyber Security Director, Advanced Cyber Security Research Center The University of Newcastle, Callaghan, Australia
Name of the position	Junior Research Fellow (JRF)/Project Fellow, One (01)
Duration	Initial appointment will be for one year, which is extendable up to the duration of the project (Upto Jan 2025) solely based on performance.
Funding Agency	SERB-DST, Govt. of India
Essential Qualifications	<p>[A] <i>For JRF:</i></p> <p>(1) PG Degree (M. Tech. or M.S.) degree in Computer Science &amp; Engineering/Computer Engineering/Information Technology/Computer Science or Post Graduate Degree in Basic Sciences (MCA or M. Sc. (Computer Science)) or UG Degree in B. Tech (CSE/IT) with 60% marks or CGPA of 6.5 or above</p> <p>(2) Candidate should have a valid GATE/CSIR-UGC NET qualification score.</p> <p>[B] <i>For Project Fellow:</i></p> <p>PG Degree (M. Tech. or M.S.) degree in Computer Science &amp; Engineering/Computer Engineering/Information Technology/Computer Science or Post Graduate Degree in Basic Sciences (MCA or M. Sc. (Computer Science)) or UG Degree in B. Tech (CSE/IT) with 60% marks or CGPA of 6.5 or above</p> <p><b>Desirable:</b></p> <ol style="list-style-type: none"><li>Candidates with a strong background in programming skills (preferably python, C/C++ etc.), expertized in machine learning using python, Virtualization</li><li>Good scientific writing skills</li></ol>
Fellowship	As per SERB, DST norms: For JRF: Rs. 31,000 + 16% HRA For Project Fellow: Rs. 16, 000+16% HRA or as per the guidelines of funding agency
Age limit	Not more than 30 years
Other	As per updated DST norms

Application Procedure	<p>Interested and eligible, <b>email</b> (to <a href="mailto:dr.preetimishra_project@doonuniversity.ac.in">dr.preetimishra_project@doonuniversity.ac.in</a>) the scanned copy of duly filled and signed application in prescribed format (refer Annexure 1) along with cover letter and supporting documents in the form of single merged pdf file with a subject line: <b>Application</b> for a JRF/PF Position under SERB-DST <b>and also produce at time of walk-in interview.</b></p> <p>Prepare a presentation (10 mins) on “Fundamentals &amp; Applications of Machine Learning in Cyber Security”.</p> <p>The walk-in interview date is Sept 13, 2022, Dept. of Computer Science, Doon University Dehradun.</p> <p style="text-align: center;"><b>❖ Note: The selected candidates shall be encouraged to compete for seeking admission in PhD program at Doon University Dehradun. PhD admissions are open.</b></p>
Walk-in Interview Date	<p><b>Sept 13, 2022, Dept. of Computer Science, Doon University Dehradun.</b></p> <p>No TA/DA will be paid for attending the interview.</p>

### INSTRUCTIONS:

1. Keep on checking the JRF/PF notification on website for any update.
2. PI and/or Doon University reserves the right to reject any or all the application/s without assigning any reasons thereof.
3. Selection will solely be based on candidate’s interview performance.
4. Appointment will be made purely on temporary basis initially for a period of one year and can be renewed for next years based on satisfactory performance in project. Selected candidate will be placed at Doon University Dehradun.
5. The contract will also include a one-month notice period wherein if the candidate selected wants to discontinue the project, he/she will have to inform the PI one month in advance and in case PI is not satisfied with the performance of candidate, he/she will need to inform them one month prior to termination of contract.
6. The salary is determined as per SERB-DST norms and may be revised as and when directed by DST.
7. Candidates appearing for interview should come with hard copies of cover letter, application, Xerox copies of certificates, marksheets and testimonials, along with their original documents, experience (if any), research publications (if any), academic achievements (if any), original and Xerox copy of valid GATE/CSIR UGC NET score card (if any).
8. No TA/DA will be provided for appearing in the Interview.
9. Any queries related to above post must be addressed to: Dr. Preeti Mishra, Email: [dr.preetimishra\\_project@doonuniversity.ac.in](mailto:dr.preetimishra_project@doonuniversity.ac.in)

### Walk-in Interview Date: Sept 13, 2022

\*Selected candidate is required to join immediately. Please contact at 821 806 1127 for any inquiries.

**Dr. Preeti Mishra**, M-IEEE, M-ACM

Ph. D. (MNIT Jaipur, 2017), Visiting Scholar (Macquarie University Sydney, AUS, 2015),

Assistant Professor, Department of Computer Science,

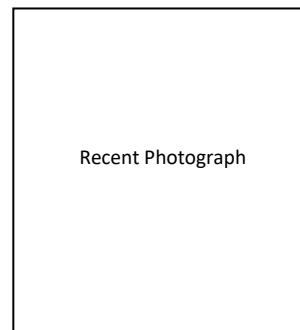
Doon University Dehradun (State Government University)

Uttarakhand, INDIA

Contact e-mail: [dr.preetimishra\\_project@doonuniversity.ac.in](mailto:dr.preetimishra_project@doonuniversity.ac.in)

ANNEXURE 1

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



**1. Applying for Which Post (JRF/Project Fellow):**

**2. Personal Details**

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

**3. 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.							

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

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

<b>Qualifying Examination (&amp; name of subject)</b>	<b>Branch</b>	<b>Year</b>	<b>Valid Up to</b>	<b>Percentile (&amp; Score)</b>	<b>All India Rank</b>

*[\*Please submit proof]*

**5. Professional Experiences (Teaching/Research/Industrial) if any**

<b>Name of Organization</b>	<b>Designation</b>	<b>Nature of Work</b>	<b>From</b>	<b>To</b>

*[\*please submit proof]*

**6. Research Publication (if any):**

*[Also attach softcopy of conference/journals papers separately]*

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

**8. Research Projects Description (One paragraph description of each UG/PG level/other projects undertaken with outcome in terms of publication)**

**9. Motivation to apply for this post (if any)**

**10. 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 in regard to 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 the Applicant