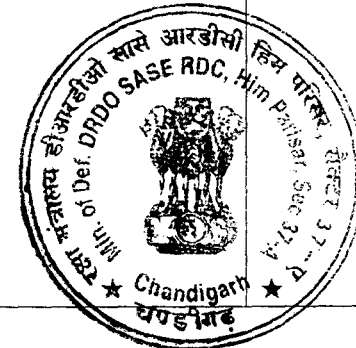


**DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
SNOW & AVALANCHE STUDY ESTABLISHMENT  
RESEARCH & DEVELOPMENT CENTRE  
HIM PARISAR, PLOT NO-01, SECTOR 37A  
CHANDIGARH – 160036 (UT)**

**INTERVIEW (THROUGH VIDEO CONFERENCING) FOR THE POSITION OF JUNIOR RESEARCH FELLOW (JRF)**

Application are invited from the interested candidates for the following positions at SASE, Chandigarh:-

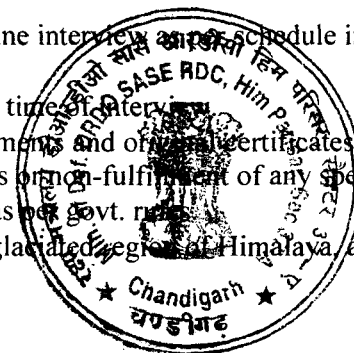
| Sr No. | Eligibility  | Nos.          | Date of Interview  |
|--------|--|---------------|--|
| 1.     | <p><b>Essential:</b><br/>ME or M.Tech with first division (both at graduate and post graduate level) in the fields of Mechanical Engineering.<br/><b>OR</b><br/>BE or B.Tech with first division with NET/GATE qualified in the fields of Mechanical Engineering.</p> <p><b>Desirable:</b><br/>(i) Knowledge of Mechanical Engineering design and fluid mechanics.<br/>(ii) Knowledge of CFD/ Mechanical Engineering software like Ansys Fluent/A.<br/>(iii) Knowledge of modeling and simulation of system.<br/>(iv) Good programming skills in VB. Net/MATLAB/Grid Analysis and Display system (Grads) or QIGS.<br/>(v) Experience of field data collection/working experience, if any<br/>(vi) Scientific Publication, if any<br/>(vii) Knowledge of FEM and FEA Software ABAQUS.</p> | 02 No<br>JRF  | 22 Oct 2020 to<br>23 Oct 2020<br><br>Stipend:<br>Rs. 31000/- Plus<br>HRA per month |
| 2.     | <p><b>Essential:</b><br/>B.E./B.Tech with first division in Computer Science &amp; Engineering/Computer Engineering with NET/GATE .<br/><b>OR</b><br/>M.E/M.Tech (Computer Science/Computer Engineering) with first division both at Graduate and Post Graduate level with NET/GATE.<br/><b>OR</b><br/>M.Sc (Computer Science) with first division with NET/GATE.</p> <p><b>Desirable:</b><br/>(i) Programming knowledge in C/C++<br/>(ii) Basic knowledge of game development engines (Unreal or Unity).<br/>(iii) Experience of image processing Software (QGIS, ERDAS,ARCGIS)<br/>(iv) Work experience or proficiency in software development such as VB. Net/R software/MATLAB/Python.<br/>(v) Geomatics,Remote Sensing,GIS</p>  | 03 No.<br>JRF | 22 Oct 2020 to<br>23 Oct 2020<br><br>Stipend:<br>Rs. 31000/- Plus<br>HRA per month |



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|    |   |               |  |
|----|---|---------------|--|
|    | (vi) High Resolution satellite data processing Web GIS.   |               |  |
| 3. | <p><b>Essential:</b><br/>Post Graduate Science Degree with first division with NET/GATE in field of Remote Sensing/GIS/Geomatics/Geo-informatics/Computer Science.</p> <p style="text-align: center;"><b>OR</b></p> <p>ME or M.Tech in first division (both at graduate and post graduate level) in the field of Remote Sensing/GIS/Geomatics/Geo-informatics/Computer Science.</p> <p><b>Desirable:</b><br/>(i) Good working knowledge of different Remote Sensing &amp; GIS software (ENVI, SARscape/ERDAS/ArcGIS, etc.)<br/>(ii) Knowledge of remote sensing data analysis for terrain, snow and glacier relate info extraction.<br/>(iii) Good programming skills in MATLAB/Python/C/C++ or equivalent<br/>(iv) Experience of handling field instruments<br/>(v) Experience of field work, preferably in glaciers.<br/>(vi) Good working knowledge of Hyper spectral technology, Geospatial modeling etc.</p> | 03 No.<br>JRF | 22 Oct 2020 to<br>23 Oct 2020<br><br>Stipend:<br>Rs. 31000/- Plus<br>HRA per month |
| 4. | <p><b>Essential:</b><br/>M.Sc, Physics with first division with UGC/CSIR NET/GATE qualified.</p> <p><b>Desirable:</b><br/>(i) Work experience in modeling and simulations.<br/>(ii) Work experience in MatLab/C/C++/FORTRAN/PHP/Javascript/HTML/MySQL/Oracle.</p>   | 02 No.<br>JRF | 22 Oct 2020 to<br>23 Oct 2020<br><br>Stipend<br>Rs. 31000/- Plus<br>HRA per month  |
| 5. | <p><b>Essential:</b><br/>M.Sc Forestry/Botany/Agriculture/Plant Physiology with first division with NET GATE</p> <p><b>Desirable:</b><br/>(i) M.Sc in Forestry/Agriculture Forestry/Horticulture<br/>(ii) Experience Plantation of Forestry/Horticultural Crops.</p>  | 01 No.<br>JRF | 22 Oct 2020 to<br>23 Oct 2020<br><br>Stipend<br>Rs. 31000/- Plus<br>HRA per month  |

- Application in the prescribed proforma (Annexure-I) along with scanned copies of required certificates or degrees will be sent by the candidates by E-mail to [director@sase.drdo.in](mailto:director@sase.drdo.in). The closing date for submitting application by E-mail is **12 Oct 2020**
- Screening of the application will be carried out and only short-listed candidates will be called for online interview. Schedule intimated via E-mail and SMS.
- Incomplete/ partially field applications would not be accepted.
- Candidates working in Govt/Public Sector Undertaking/Autonomous Bodies should have NOC at the time of interview.
- The selection through online interview will be purely provisional and subject to verification of documents and original certificates. The candidature will be rejected, if any mismatch/canvassing is noticed in details regarding qualification, discipline, percentage of marks or non-fulfillment of any specified criteria at the time of joining.
- Maximum age 28 years for JRF and relaxation in age for 05 years for SC/ST and 03 years for OBC as per Govt. rule.
- For field data collection, the selected person will have to regularly visit and stay in the snow bound, glaciated region of Himalaya, as per requirement.



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- The positions are purely temporary. The offer of fellowship will not confer any right for regular appointment /absorption in DRDO. The period of fellowship will not count for the purpose of seniority, other Govt benefit in DRDO in case of appointment at a later date.
- The tenure of Junior Research Fellowship is initially for a period of two years or co-terminus with the project which ever is earlier.
- The fellowship may be terminated at any time during the tenure with a prior notice of one month.

### GENERAL CONDITIONS

1. One candidate can apply only for one fellowship as per their essential and desirable qualification.
2. No TA/DA will be paid for attending the interview/joining, irrespective of the selection.
3. No govt. accommodation would be provided by the organization to the candidates.
4. The number of fellowships may increase or decrease depending upon the prevailing requirement.
5. The candidates shall be shortlisted for the interview on the basis of their score of national written test or NET/GATE and percentage of marks obtained in minimum qualifying degree.

### **IMPORTANT DATES:**

**Date of Interview (Through Video Conferencing): 22 Oct 2020 to 23 Oct 2020**

**Last date for receipt of application forms by E-mail: 12 Oct 2020**



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19.9.2020  
Sr Admin Officer-I  
For Director  
Snow & Avalanche Study Establishment  
Ph (O): 0172-2699804-06, Extn: 202  
Fax (O): 0172-2699802  
*RTO*

**APPLICATION FORM FOR JUNIOR RESEARCH FELLOWSHIP IN SASE,RDC, HIM PARISAR,  
CHANDIGARH**

(To be filled by the candidate in his/her own handwriting)

|     |  |                                     |                              |                        |                       |                       |
|-----|--|-------------------------------------|------------------------------|------------------------|-----------------------|-----------------------|
| 1.  | Name/Type of Fellowship  | :                                   |                              | Advertisement No.      | :                     |                       |
| 2.  | Full Name in Block Letters   | :                                   |                              |                        |                       |                       |
| 3.  | (i) Father's Name  | :                                   |                              |                        |                       |                       |
|     | (ii) Mother's Name   | :                                   |                              |                        |                       |                       |
|     | (iii) Spouse Name (if applicable)<br>(in Block letters)  | :                                   |                              |                        |                       |                       |
| 4.  | Gender   | :                                   | Male / Female / Third Gender |                        |                       |                       |
| 5.  | Category   | :                                   | Gen / SC / ST / OBC          |                        |                       |                       |
| 6.  | Date of Birth (DD/MM/YYYY)   | :                                   |                              |                        |                       |                       |
| 7.  | Correspondence Address (with Pin Code)   | :                                   |                              |                        |                       |                       |
| 8.  | Permanent Address (with Pin Code)  | :                                   |                              |                        |                       |                       |
| 9.  | Contact Detail: Phone (with STD Code)  | :                                   |                              |                        |                       |                       |
|     | Alternate No. (if any)   | :                                   |                              |                        |                       |                       |
| 10. | E-mail ID  | :                                   |                              |                        |                       |                       |
|     | Alternate E-mail ID  | :                                   |                              |                        |                       |                       |
| 11. | Educational Qualification (From Matric/10 <sup>th</sup> /HSC onwards, Self-Attested copies to be enclosed)   |                                     |                              |                        |                       |                       |
|     | Examination Passed   | Subject (s)                         | Board/University             | Month& Year of Passing | Division/ Class/Grade | Percentage (%) / CGPA |
|     |  |                                     |                              |                        |                       |                       |
|     |  |                                     |                              |                        |                       |                       |
|     |  |                                     |                              |                        |                       |                       |
|     |  |                                     |                              |                        |                       |                       |
| 12. | Experience (if any) Note: Attach Sheets if required period of Service Job Description (in brief)   |                                     |                              |                        |                       |                       |
|     | Name of Post/ Designation  | Name of the organization/Department |                              | From                   | To                    |                       |
|     |  |                                     |                              |                        |                       |                       |
|     |  |                                     |                              |                        |                       |                       |
| 13. | Whether Qualified UGC/CSIR/NET/GATE Examination  | :                                   | Yes / No                     |                        |                       |                       |
|     | If yes, give details (proof to be enclosed) Enrollement /Roll No..... Year.....Score.....validity  |                                     |                              |                        |                       |                       |
| 14. | Have you ever been debarred for recruitment examination by any Govt. Agency (if so give details)   | :                                   | Yes / No                     |                        |                       |                       |
| 15. | <b>Declaration:-</b><br>I hereby declare that, the above furnished particulars are correct to the best of my knowledge and no information is suppressed. If at any time I am found to have concealed/distorted any information, my fellowship shall be liable to summarily terminated without any prior notice. I am ready, to take up and discharge the duties assigned to me anywhere in India, as and when required |                                     |                              |                        |                       |                       |

Place:.....

Signature of the Candidate.....

Date:.....

Name of the Candidate.....