

**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)**

Applications 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> ME or M.Tech with first division (both at graduate and post graduate level) in the fields of Mechanical Engineering. <b>OR</b> BE or B.Tech with first division with NET/GATE qualified in the fields of Mechanical Engineering. <b>Desirable:</b> (i) Knowledge of Mechanical Engineering design and fluid mechanics. (ii) Knowledge of CFD/Mechanical Engineering software like Ansys Fluent/A, (iii) Knowledge of modeling and simulation of system. (iv) Good programming skills in VB, Net/MATLAB/Grid Analysis and Display system (Grads) or QGIS (v) Experience of field data collection/working experience, if any (vi) Scientific Publication, if any (vii) Knowledge of FEM and FEA Software ABAQUS.</p>	02 No. JRF	22 Oct 2020 to 23 Oct 2020  Stipend: Rs. 31000/- Plus HRA per month
2.	<p><b>Essential:</b> B.E./B.Tech with first division in Computer Science &amp; Engineering/Computer Engineering with NET/GATE . <b>OR</b> M.E/M.Tech (Computer Science/Computer Engineering) with first division both at Graduate and Post Graduate level with NET/GATE. <b>OR</b> M.Sc (Computer Science) with first division with NET/GATE. <b>Desirable:</b> (i) Programming knowledge in C/C++ (ii) Basic knowledge of game development engines (Unreal or Unity). (iii) Experience of image processing Software (QGIS, ERDAS, ARCGIS) (iv) Work experience or proficiency in software development such as VB, Net/R software/MATLAB/Python. (v) Geomatics, Remote Sensing, GIS (vi) High Resolution satellite data processing Web GIS.</p>	03 No. JRF	22 Oct 2020 to 23 Oct 2020  Stipend: Rs. 31000/- Plus HRA per month
3.	<p><b>Essential:</b> Post Graduate Science Degree with first division with NET/GATE in field of Remote Sensing/GIS/Geomatics/Geo-informatics/Computer Science. <b>OR</b> 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. <b>Desirable:</b> (i) Good working knowledge of different Remote Sensing &amp; GIS software (ENVI, SARscape/ERDAS/ArcGIS, etc.) (ii) Knowledge of remote sensing data analysis for terrain, snow and glacier relate info extraction (iii) Good programming skills in MATLAB/Python/C/C++ or equivalent (iv) Experience of field work, preferably in glaciers. (v) Experience of field data collection/working experience, if any (vi) Good working knowledge of Hyper spectral technology, Geospatial modeling etc.</p>	03 No. JRF	22 Oct 2020 to 23 Oct 2020  Stipend: Rs. 31000/- Plus HRA per month
4.	<p><b>Essential:</b> M.Sc, Physics with first division with UGC/CSIR NET/GATE qualified. <b>Desirable:</b> (i) Work experience in modeling and simulations. (ii) Work experience in MatLab/C/C++/FORTRAN/PHP/Javascript/HTML/MySQL/Oracle.</p>	02 No. JRF	22 Oct 2020 to 23 Oct 2020  Stipend: Rs. 31000/- Plus HRA per month
5.	<p><b>Essential:</b> M.Sc Forestry/Botany/Agriculture/Plant Physiology with first division with NET GATE <b>Desirable:</b> (i) M.Sc in Forestry/Agriculture Forestry/Horticulture (ii) Experience Plantation of Forestry/Horticultural Crops.</p>	01 No. JRF	22 Oct 2020 to 23 Oct 2020  Stipend: Rs. 31000/- Plus 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 as per schedule intimated via E-mail and SMS.
- Incomplete/ partially filled 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. rules.
- 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.
- 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.

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**GENERAL CONDITIONS**

- One candidate can apply only for one fellowship as per their essential and desirable qualification.
- No TA/DA will be paid for attending the interview/joining, irrespective of the selection.
- No govt. accommodation would be provided by the organization to the candidates.
- The number of fellowships may increase or decrease depending upon the prevailing requirement.
- 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 form by E-mail: 12 Oct 2020

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

**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) (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/10th /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.	Declarations:- 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.	
	Name : .....	Signature of the Candidate.....
	Date : .....	Name of the Candidate .....
	lavp 10301/11/0066/2021	EN 20/20