

## ADVERTISEMENT

### Department of Geophysics Institute of Science, Banaras Hindu University, Varanasi-221005

Applications are invited from highly motivated candidates for the post of a Project Sc. II and a JRF in the Ministry of Earth Sciences, Govt. of India sponsored project (Project code: P-07/1247) entitled "Development of a framework for probabilistic forecast of lightning over the Indian region and investigation of land-atmosphere feedback processes for further improvement". The posts are temporary and co-terminus with the project. The appointments are initially for one year but extendable up to three years depending upon the performance of the selected candidates. The total emoluments for the various positions are as per DST norms.

Name of the post	Emoluments	Essential qualifications	Desirable qualifications/experience
Project Sc. II (1 post)	67,000/- p.m. + 16% HRA	<ul style="list-style-type: none"> <li>• Doctoral Degree in Atmospheric Sciences/ Meteorology (or) in Physics/ Geophysics with Meteorology as one of the topic (or) related areas; and</li> <li>• Three years' experience in mesoscale or regional climate modelling as per DST norms.</li> <li>• Upper age limit- 40 years on the date of advertisement (5 years' relaxation for Female /SC /ST /Physically Handicapped candidates as per GoI rules.)</li> </ul>	<ul style="list-style-type: none"> <li>• Expertise in numerical simulation of thunderstorms and lightning; knowledge of various physical parameterizations, microphysical and land surface schemes; experience in working on HPC systems and parallel programming; ability to perform independent research, prepare and publish manuscripts in peer-reviewed journals; and</li> <li>• Working knowledge of shell scripting, conversant with GRIB, NetCDF data formats, scientific programming in Fortran, Python, C and softwares such as GrADS, CDO, NCO, NCL, R etc. will be added advantage/preferable.</li> </ul>
JRF (1 post)	31,000/- p.m. + 16% HRA	<ul style="list-style-type: none"> <li>• M.Sc./ M.Tech. with at least 60% marks in Atmospheric Science/ Meteorology (or) in Physics/ Geophysics with Meteorology as one of the subjects (or) related areas and having CSIR-UGC NET including Lectureship (Assistant Professorship) or GATE or any National level examination conducted by the Central Govt. Dept. and their Agencies and Institutions as per DST norms.</li> <li>• Upper age limit- 28 years on the date of advertisement (5 years' relaxation for Female /SC /ST /Physically Handicapped candidates as per GoI rules).</li> </ul>	<ul style="list-style-type: none"> <li>• Expertise in mesoscale or regional climate modeling; thunderstorms and severe convective events, land surface and boundary layer processes; and</li> <li>• Working knowledge of scientific programming in Fortran, Python, C and softwares such as GrADS, CDO, NCO, NCL, R etc. will be added advantage/preferable.</li> </ul>

Application on plain paper giving Name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address, details of educational career (starting from High School or equivalent) along with attested copies of all mark-sheets and certificates and details of any research or other experience etc., if any, should reach within 21 days of the advertisement to **Dr. Subhadeep Halder, Assistant Professor and Principal Investigator, Department of Geophysics, Institute of Science, Banaras Hindu University, Varanasi-221005** through email to [subhadeeph@gmail.com](mailto:subhadeeph@gmail.com).

**Candidate selected for interview will be informed through email only. No TA/DA will be paid if called for written test/interview.**

Detailed information is available on BHU website ([www.bhu.ac.in](http://www.bhu.ac.in)).



**Dr. Subhadeep Halder**  
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PI, Project No. P-07/1247  
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Institute of Science  
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Sincerely,

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