

**Department of Geophysics
Banaras Hindu University
Varanasi-221005**

July 21, 2021

Advertisement

Applications are invited for the post of Project Staff with a Consolidated Salary of (Fixed amount) of Rs. **35000/- per month** for a tenure of 1 Year in OIL INDIA Limited funded collaborative study entitled “**Integrated Seismic-Imaging and joint Inversion**”. The post is temporary and co-terminus with the project. The candidates should have Master’s Degree in **Geophysics, Geology** with at least 60% marks. **Preference will be given to the candidate with theoretical and practical understanding of Seismic Imaging & Inversion methods applicable to geophysical problems. A strong knowledge in coding along with Machine learning and practical processing knowledge is desirable.**

The upper Age Limit is **31 Years** (relaxed for 5 years for SC/ST/Physically Handicapped/Female candidates. All things being equal, SC/ST candidates will be preferred as per GOI rules.

Application on Plain paper giving Name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address (if available), details of educational career (starting from High School or equivalent) along with attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, should reach within **15 days** of the advertisement, to the **Prof. Rajeev Bhatla, Chairman, Seismic Imaging Centre, A Unit of InnoResTech Foundation, BHU., Department of Geophysics, Institute of Science, Banaras Hindu University, Varanasi-221005.**

No TA/DA will not be paid if called for interview.

Designation of the Post	Project Assistant (PA) [one post only]
Salary	₹ 35000/- per month fixed
Nature of Vacancy	Temporary
Qualifications Required	
Essential	<p>Master's degree in any one of these subjects with at least 60 percent marks</p> <ul style="list-style-type: none"> ● Geophysics ● Marine Geophysics ● Geology
Desirable	<ol style="list-style-type: none"> 1. Theoretical and practical understanding of Seismic Imaging and Inversion methods applicable to geophysical problems 2. Ability to code in Python(preferred), R, Julia or well versed with Matlab. 3. Acquainted with unix or linux operating system 4. An understanding of theories and applications of Machine Learning and Deep Learning algorithms 5. Knowledge on processing workflow and ability to train on processing software's quickly
Upper Age Limit	31 (relaxed for 5 years for SC/ST/physically handicapped/female candidates). All things being equal SC/ST candidates will be given top priority as per GOI rules.
Job Description	<p>Key responsibilities of Project Assistant (PA) will be to work under the guidance of Project head in</p> <ol style="list-style-type: none"> 1. Training on geophysical processing software's and performing assigned tasks promptly 2. Working on theoretical algorithms for imaging and inversion tasks and creating workable codes for the same. 3. Creating an updated progress report/presentation on the on-going project from time to time as directed by the Project head. 4. Rigorous studying on latest and contemporary methods on imaging and inversion in geophysics through journals and other published materials 5. Making sure the lab and the systems in the lab are at their functional state and learning about the hardware setup on the go.

(Rajeev Bhatla)
Chairman,
Seismic Imaging Centre,
A Unit of InnoResTech Foundation, BHU
B.H.U., Varanasi-221005