



**INDIAN INSTITUTE OF GEOMAGNETISM**  
(An autonomous scientific / research organisation under the Department of  
Science and Technology, Government of India)  
PLOT NO.5, SECTOR-18, KALAMBOLI HIGHWAY,  
NEW PANVEL, NAVI MUMBAI – 410 218

विज्ञापन संख्या / ADVT.NO: 01/IIG/HRD/2025

प्रत्यक्ष साक्षात्कार / WALK-IN-INTERVIEW

निम्नलिखित विवरणों के अनुसार भारतीय भूचुंबकत्व संस्थान निम्नलिखित पदों, की पूरी तरह से अस्थायी आधार पर भर्ती हेतु उपयुक्त उम्मीदवारों की तलाश में है:-

Indian Institute of Geomagnetism is looking for suitable candidates to fill the following posts purely on temporary basis, as per the following details:-

**पद सं / Post No.1**

1)	Name and number of the Post	:	Project Associate-I – Three Posts
2)	Stipend	:	Rs.25000/- or *31000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	<p><b>a-</b>The Project Associate has to ensure continuous operation of nighttime all-sky airglow imager at <b>Silchar Magnetic Observatory, Silchar</b>. Has to carry out airglow observations, undertake instrument related maintenance works and send data to the PI and participate in data analysis. Preference will be given to candidates who has experience in optical instrument handling, data analysis and programming skills.</p> <p><b>b-</b>The Project Associate has to ensure continuous operation of ionosonde at <b>EGRL, Tirunelveli</b>. Help operate VHF radar activity. Has to carry out operations/data analysis and ionosonde data archive and maintenance works. Preference will be given to candidates who has experience in radar data analysis, radar R&amp; D, data analysis and programming skills.</p> <p><b>c-</b> The Project Associate has to ensure continuous operation of nighttime all-sky airglow imager at <b>MF Radar Facility, Kolhapur/Panhala Hill station</b>. Has to carry out airglow observations, undertake instrument related maintenance works as advised by the PI and send data to the PI and participate in data analysis. Preference will be given to candidates who has experience in optical instrument handling, data analysis and programming skills.</p>
4)	Essential Qualification :	:	Master's degree in Physics/ Space Physics
5)	Desirable Qualification :	:	Experience in ground/space based data analysis. Programming in Matlab/C/C++/IDL/Python
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	<p><b>a-</b> Magnetic Observatory, Silchar</p> <p><b>b-</b> EGRL, Tirunelveli</p> <p><b>c-</b> Magnetic Observatory, Kolhapur</p>

8)	Date, Time and Place of Interview	:	a- 14 <sup>th</sup> Feb. 2025, 10:00 AM at North-East Geophysical Research Laboratory (NEGRL), Shillong
		:	b- 13 <sup>th</sup> Feb. 2025, 10:00 AM at Equatorial Geophysical Research Laboratory (EGRL) Tirunelveli
		:	c- 12 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### पद सं / Post No.2

1)	Name and number of the Post	:	Project Associate-I – One Post
2)	Stipend	:	Rs.25000/- or *31000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	PCB design and fabrication, fault finding in PCBs, microcontroller boards, and other hardware/software. Upkeep of electronic lab and inventory management of components. Testing & development of instrumentation, Electric field data collection at EGRL regional centre.
4)	Essential Qualification :	:	B.E. EEE/ECE
5)	Desirable Qualification :	:	Hands-on Experience in SMD component soldering and desoldering. Sensor and electronic console/panel assembly. Operating knowledge of electronic Lab Instruments like Oscilloscopes, LCR Multimeters, Waveform generators, etc.
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	Equatorial Geophysical Research Laboratory (EGRL) Tirunelveli
8)	Date, Time and Place of Interview	:	13 <sup>th</sup> Feb. 2025, 10:00 AM at EGRL, Tirunelveli

### पद सं / Post No.3

1)	Name and number of the Post	:	Research Associate-I – Two Posts
2)	Stipend	:	Rs.58000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	<p>We are seeking for a highly motivated and detail-oriented Research Associate to join our team of scientists. In this role, the candidate will contribute to our ongoing research projects, analyze different atmospheric data sets and assist in the development advanced statistical techniques</p> <p><b>Duties and Responsibilities:</b></p> <ul style="list-style-type: none"> <li>– Collect, analyze, and interpret atmospheric parameters from different data sets (satellite, reanalysis, radar systems etc.) using appropriate statistical methods, AI-ML techniques.</li> <li>– Knowledge of developing theoretical model and advanced softwares</li> <li>– Assist in the preparation of research reports and present research findings in group meetings,</li> </ul>

			publications, conference and grant proposals – Collaborate with fellow researchers, postdoctoral fellows, and with other team scientists to advance ongoing projects and participate in the training and mentoring of junior research staff and students. – Comply with all relevant ethical guidelines, regulations, and institutional policies.
4)	Essential Qualification :	:	PhD (Submitted/awarded) Atmospheric Physics.
5)	Desirable Qualification :		Knowledge of computer modelling, analyzing satellite data sets and atmospheric modelling
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	IIG, Colaba / H.Q., New Panvel
8)	Date, Time and Place of Interview	:	12 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.4**

1)	Name and number of the Post	:	JRF – One Post
2)	Stipend	:	Rs.37000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Preparation and analysis of archaeological samples for rock-magnetism and paleointensity studies, involving Lab data generation, processing and operation of advanced scientific instrumentation.
4)	Essential Qualification :	:	Master's degree in Physics/Geophysics
5)	Desirable Qualification :		-----
6)	Maximum Age	:	28 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	:	13 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.5**

1)	Name and number of the Post	:	JRF – One Post
2)	Stipend	:	Rs.37000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Conduct literature reviews, Paleomagnetic sample collection and preparation, experimental work using various Environmental magnetism instruments, paleointensity data measurements, data analysis, data management, assist in maintenance of instruments in the Environmental Magnetism Laboratory and report writing and publications based on research findings.
4)	Essential Qualification :	:	Master's degree in Geology/Geophysics

5)	Desirable Qualification :	-----
6)	Maximum Age	: 28 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	: IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	: 13 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.6**

1)	Name and number of the Post	: JRF – One Post
2)	Stipend	: Rs.37000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	: Processing of the sediment samples, environmental magnetic and geochemical analysis, data processing and interpretations.
4)	Essential Qualification :	: Master's degree in Geology/Geophysics/Marine Geology
5)	Desirable Qualification :	-----
6)	Maximum Age	: 28 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	: IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	: 13 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.7**

1)	Name and number of the Post	: JRF – One Post
2)	Stipend	: Rs.37000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	: The nature of job includes prefield studies, geological field work for collection of oriented block sampling or oriented core sampling for paleomagnetic and petrological studies. Post field work laboratory work includes sample preparation, data generation using various paleomagnetic and petrological instruments, data processing, report writing, map preparation, assist in operating and maintaining the standard Paleomagnetic/ petrological instruments.
4)	Essential Qualification :	: Master's degree in Geology
5)	Desirable Qualification :	-----
6)	Maximum Age	: 28 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	: Dr. K.S. Krishnan Geomagnetic Research Laboratory (KSKGRL) Prayagraj (U.P.)
8)	Date, Time and Place of Interview	: 12 <sup>th</sup> Feb. 2025, 10:00 AM at KSKGRL, Prayagraj

### **पद सं / Post No.8**

1)	Name and number of the Post	:	Research Associate-I – One Post
2)	Stipend	:	Rs.58000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Analysis of sediment samples for environmental and rock magnetic properties, extraction of Magnetofossils from sediments, SEM/TEM analysis, data interpretations, geochemical modeling, and manuscript writing.
4)	Essential Qualification :	:	Ph.D awarded/submitted in Geology/ Geophysics/ Marine Geology with knowledge of Paleomagnetism/Rock magnetism and/or in Marine Geochemistry
5)	Desirable Qualification :	:	Work experience in Marine anoxia
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	:	13 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.9**

1)	Name and number of the Post	:	Project Associate-I – One Post
2)	Stipend	:	Rs.25000/- or *31000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Participating in geophysical (Gravity, magnetic, resistivity, MT) data acquisition. Processing of the acquired data and integration with other geological and geophysical data.
4)	Essential Qualification :	:	Master's degree in Geophysics
5)	Desirable Qualification :	:	-----
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	North-East Geophysical Research Laboratory (NEGRL), Shillong
8)	Date, Time and Place of Interview	:	14 <sup>th</sup> Feb. 2025, 10:00 AM at NEGRL, Shillong

### **पद सं / Post No.10**

1)	Name and number of the Post	:	Project Associate-I – One Post
2)	Stipend	:	Rs.25000/- or *31000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Ground magnetic data collection. Processing, interpretation and modelling of ground and satellite data.

4)	Essential Qualification :	:	Master's degree in Geophysics
5)	Desirable Qualification :	:	-----
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	:	13 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.11**

1)	Name and number of the Post	:	Project Assistant – One Post
2)	Stipend	:	Rs.20000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	PCB design and fabrication, fault finding in PCBs, microcontroller boards, and other hardware/software. Upkeep of electronic lab and inventory management of components. Testing & development of instrumentation. Operating knowledge of electronic Lab Instruments like Oscilloscopes, LCR Multimeters, Waveform generators, etc.
4)	Essential Qualification :	:	B.Sc. Physics/Electronics or 3 years diploma in Electronics Engineering.
5)	Desirable Qualification :	:	Hands-on Experience in SMD component soldering and desoldering. Sensor and electronic console/panel assembly. Operating knowledge of electronic Lab Instruments like Oscilloscopes, LCR Multimeters, Waveform generators, etc.
6)	Maximum Age	:	50 years [relaxable upto 5 years of SC/ST and upto 3 years for OBC, 10 years for PwBD, subject to maximum ceiling of 56 years as per the rules]
7)	Place of work	:	Equatorial Geophysical Research Laboratory (EGRL) Tirunelveli
8)	Date, Time and Place of Interview	:	13 <sup>th</sup> Feb. 2025, 10:00 AM at EGRL, Tirunelveli

### **पद सं / Post No.12**

1)	Name and number of the Post	:	Project Assistant – One Post
2)	Stipend	:	Rs.20000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Upkeep of electronic lab and inventory management of components. PCB design and fabrication, fault finding in PCBs, microcontroller boards, and other hardware/software. Digitization of analog datasets
4)	Essential Qualification :	:	3 Year Diploma in electronics Engineering
5)	Desirable Qualification :	:	Hands-on Experience in SMD component soldering and desoldering. Sensor and electronic console/panel assembly. Operating knowledge of electronic Lab Instruments like Oscilloscopes, LCR
6)	Maximum Age	:	50 years [relaxable upto 5 years of SC/ST and upto 3 years for OBC, 10 years for PwBD, subject to maximum ceiling of 56 years as per the rules]
7)	Place of work	:	IIG, H.Q., New Panvel

8)	Date, Time and Place of Interview	:	12 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel
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### **पद सं / Post No.13**

1)	Name and number of the Post	:	Project Assistant – One Post
2)	Stipend	:	Rs.20000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	Design, synthesis, and characterization of organic molecules for potential applications in optical magnetometer. Development of Chemical lab facility.
4)	Essential Qualification :	:	B.Sc. (Chemistry)
5)	Desirable Qualification :	:	B.Sc. (Chemistry with a strong organic/inorganic synthesis foundation. Ability to design suitable schemes for synthesizing a molecule of interest, Experience in sample purification and characterization techniques such as column chromatography, UV-visible spectroscopy, fluorescence, and NMR spectroscopy.
6)	Maximum Age	:	50 years [relaxable upto 5 years of SC/ST and upto 3 years for OBC, 10 years for PwBD, subject to maximum ceiling of 56 years as per the rules]
7)	Place of work	:	IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	:	12 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

### **पद सं / Post No.14**

1)	Name and number of the Post	:	Project Associate-I – Two Posts
2)	Stipend	:	Rs.25000/- or *31000/- plus HRA as applicable/admissible, if accommodation is not provided by the Institute.
3)	Job Requirements	:	PCB design and fabrication, fault finding in PCBs, microcontroller boards, and other hardware/software. Design and simulation of RF/Microwave amplifiers, Analog amplifiers, and Signal Conditioning circuits. Development of various sensors
4)	Essential Qualification :	:	B. Tech/ B. E. in Electronics & Communication/Electronics
5)	Desirable Qualification :	:	Experience in the Design & Development of RF amplifiers, Analog and digital systems. RF amplifier design and simulation using HFSS/CST/AWR/COMSOL or equivalent. Hands on knowledge of VNA, spectrum analyzer and other RF Test and Measurement Instruments. Digital Signal Processing techniques, digital filter design and implementation in embedded system platforms such as FPGA/ARM-based processors. Programming knowledge in C, C++, or Python. Working knowledge of embedded software. Oscilloscopes, LCR multimeters, Waveform generators, etc. multimeters, Waveform generators, etc.
6)	Maximum Age	:	35 years [relaxable upto 5 years for SC/ST and upto 3 years for OBC, 10 years for PwBD]
7)	Place of work	:	IIG, H.Q., New Panvel
8)	Date, Time and Place of Interview	:	12 <sup>th</sup> Feb. 2025, 10:00 AM at IIG, H.Q., New Panvel

\* Rs.31, 000/- + HRA for the candidate(s) who have qualified CSIR-UGC NET or National level exams conducted by central government and their agencies and institutions.

**General terms & conditions:**

1. Final Semester / Year students who are awaiting results are not eligible to attend the interview.
2. Candidates should also bring duly filled in application form along with the originals of certificates/testimonials and one set of xerox copies of the same on the date of interview.
3. Any false information may lead to ban in appearing in any future recruitment / engagement process in IIG and the same may be informed to other IIG labs/Institutes, other Government Organisations / agencies also.
4. The number and levels of positions may increase or decrease at the time of actual selection or may be cancelled also.
5. The selected candidates are liable to serve anywhere in India.
6. The candidates need to make their own stay arrangements.
7. Number of vacancies advertised is tentative and the same may increase or decrease on the basis of the project requirement.
8. Production of the original certificate at the time of interview is a must. Candidate's currently working in any other organization need to provide proof of their current employment with a service/experience certificate from the employer. Appointment order will not be considered as proof of current employment.
9. All project positions are purely temporary and in project mode. The candidates are not entitled for any claim for regular/permanent position at any time. The candidature may be extended periodically subject to satisfactory performance.
10. Candidate must be present for verification of documents with original clear photo ID document i.e. Aadhaar card, Passport, PAN card, Voter ID or Vehicle License (any one) alongwith the copy of the same.
11. All candidates are required to bring the original documents related to educational qualifications, date of birth, Passport, work experience, caste certificate and identity etc. for verification which will be returned to you on the same day after verification.
12. No TA/DA will be paid for attending the interview.



भारतीय भूचुंबकत्व संस्थान  
Indian Institute of Geomagnetism  
नवी मुंबई / Navi Mumbai 410 218

Walk-in-Interview on \_\_\_\_\_

Advertisement No. \_\_\_\_\_

Name of the Position: \_\_\_\_\_ Post Code: \_\_\_\_\_

Affix the Latest  
Passport Size  
Photograph

1. Name of the Candidate : \_\_\_\_\_
2. Father's/Husband's Name : \_\_\_\_\_
3. Date of Birth : \_\_\_\_\_
4. a) Permanent Address : \_\_\_\_\_
- b) Address for Correspondence : \_\_\_\_\_
5. Gender : Male / Female / Others
6. Religion : \_\_\_\_\_
7. E-mail ID : \_\_\_\_\_
8. Mobile No. : \_\_\_\_\_
9. Category : UR / OBC / SC / ST / EWS

10. Educational Qualifications:

Sl. No.	Name of the Course	Year of Passing	Percentage / CGPA	Subjects Studied	Name of the Board/ University
a.	SSC/SSLC/10 <sup>th</sup> Standard				
b.	10+2 / Intermediate				
c.	Graduation (_____)				
d.	Post Graduation (_____)				
e.	Ph.D. / M.Phil.				
f.	Any Other Qualification (GATE / NET)				

11. Experience (if any) :

From	To	Designation	Name of the Organisation
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I hereby declare that the particulars given above are true to the best of my knowledge and belief. I am aware that I will not have any claim or the regular employment in IIG service on the basis of this selection / extension of my services.

Place:  
Date: \_\_\_\_\_

Signature :  
Name in Block Letters:

Encl: Attested copies of Certificates