



# INDIAN INSTITUTE OF GEOMAGNETISM

Plot-5, Sector-18, New Panvel, Navi Mumbai – 410218.

Advt.No. 03/IIG/HRD/2023

Notification for the post of Project Assistants – II & III

Indian Institute of Geomagnetism is looking for suitable candidates to fill the following Project Assistants – II & III purely on temporary basis, as per the following details:

Sr. No.	Name of the Post	Post No.	Requirement	Qualification	Required Expertise	Max. Age	Consolidated emoluments per month (plus HRA as applicable/admissible if accommodation is not provided by the Institute)	Place of work
1.	Project Assistant III (PA-III)	1	One	B.E. in Electronics / Electronic & Communication	Minimum two year of working experience in 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 embedded in software's like Keil, Arduino, LabVIEW, MATLAB.	32 years	₹ 28,000/- P.M plus HRA, if applicable.	HQ
2.	Project Assistant II (PA-II)	1	One	B.E in Industrial Electronic / Electronic & Communication Instrumentation.	Experience in multilayer Schematic and PCB designing using Altium/Eagle/CAD software. Electronic Component inventory management, Hands on Experience in SMD component soldering and desoldering. Sensor and electronic console/panel assembly. Experience in designing 3D models using Solidworks /AutoCAD/FreeCAD software. Operating knowledge of electronic Lab Instruments like Oscilloscope, LCR Multimeters, Waveform generators etc.	28 years	₹ 25,000/- P.M plus HRA, if applicable.	HQ
		2	Two	First Class M.Sc Geophysics / Geology	Ability to handle the scientific instruments.			HQ
		3	One	First Class M.Sc. Physics with electronics	Ability to handle the scientific instruments.			HQ
		4	One	First Class M.Sc. (Tech) Geophysics	Nil			HQ
		5	One	First Class M.Sc. Physics / Space Physics	Handling of ground / satellite data analysis; Programming skills in C/Matlab/Fortran etc.			HQ
		6	One	First Class M.Sc. Physics / BE Electronics	Good Programming skills in C/C++/Matlab/Fortran and knowledge in Radar/Satellite communications			HQ
		7	One	First Class M.Sc. Physics / Space Physics	Experience of ground / satellite data analysis; Programming skills in C/Matlab/Fortran etc.			HQ
		8	One	First Class M.Sc. Physics / Space Physics	Experience in optical data analysis. Programming skills in C/Matlab/Fortran etc.			Kolhapur
		9	One	First Class M.Sc. Physics / Space Physics	Experience of ground / Space based data analysis; Understanding of space weather concepts; Programming in Matlab/C/C++/IDL/Python.			HQ

		10	One	First Class M.Sc. Physics / Space Physics	Experience of ground / Space based data analysis; Understanding of space weather concepts; Programming skills in Matlab/C/C++/IDL/Python.			HQ
		11	One	First Class M.Sc. Physics	Data preparation, data check and running of Matlab codes.			HQ
		12	One	First Class M.Sc. Physics	Experience with Python or Matlab.			HQ
		13	One	First Class M.Sc. Physics	Experience with Python or Matlab.			HQ
		14	One	First Class M.Sc. Geophysics / Geology / Physics with Electronics	Ability to handle the scientific instruments.			KSKGRL, Prayagraj
		15	Two	First Class M.Sc / M.Tech (Geophysics / Applied Geophysics)	Earthquake Seismology (SGRC)			NEGRL, Shillong
		16	One	First Class M.Sc / M.Tech (Geophysics / Applied Geophysics)	Electromagnetic Method			NEGRL, Shillong / HQ
		17	One	First Class M.Sc Physics / Space Physics	Ionospheric Seismology			HQ
		18	One	First Class M.Sc Geophysics / Applied Geology	Ionospheric Seismology			HQ

### **General Instructions**

1. Appointment in the above posts will be initially for a period of one year and can be extended for a further period of maximum two years based on the performance.
2. Candidates possessing the requisite criterion like age, qualification and experience may apply online <https://iigm.res.in/careers/positionvacancies> Click on Apply link, which will be redirected to Applicant Portal. In case of technical difficulty faced while applying through online, candidates may drop an email along with screen shot of it to [iig.erp.services@iigm.res.in](mailto:iig.erp.services@iigm.res.in)
3. The online application portal will be opened on 13 Feb 2023 for filing online applications and the last date for closing the online application interface is 28 Feb 2023.
4. Duly signed print out of online applications **must be sent** to the Registrar on above address by 10 Mar 2023.

**Registrar**