

# **IMPRESS – 2023**

Organized by

**Indian Institute of Geomagnetism (IIG), Navi Mumbai**

**13-16 February, 2023**

**Venue**

**IIG New Panvel**

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## ***Inspiring the Minds of Post-graduates for Research in Earth and Space Sciences – 2023***

The Indian Institute of Geomagnetism (IIG), Mumbai is a leading institute of the country, actively engaged in basic and applied research in Geomagnetism and allied areas of Geophysics, Atmospheric & Space Physics and Plasma Physics. It started out as a successor to the Colaba Magnetic Observatory, set up in 1826, where the first regular magnetic observatory in the country was established in 1841. In 1971, IIG became an autonomous institution under the Department of Science & Technology, Government of India. IIG provides infrastructural support (using state-of-the-art technology), for acquisition of high quality data at two of its regional centres and twelve magnetic observatories spread all over the country, leading to frontline research.

To attract, motivate and train young talent to undertake research in geomagnetism and allied fields, the institute has conceived the “IMPRESS” programme for post-graduate students from Indian universities. The details of the programme are as follows:

### **What is IMPRESS?**

Each year, IIG will be organizing IMPRESS programme at one of its several research centres. The inaugural meet was organized at the KSKGRL regional centre of IIG at Allahabad. IMPRESS will comprise of research motivation talks, plenary lectures, seminars and laboratory sessions related to the research activities of the IIG. The programme will be limited to maximum 25 participants. Participation in this programme is by invitation. The goal of IMPRESS is to motivate young minds towards selecting research as a career and to make them experience the joy of discovery. IMPRESS would strive to make post-graduate students realise that research is indeed an exciting and sublime experience and an exclusive preserve of the chosen. This programme provides a rare opportunity for young students in India to learn about current areas of research in Earth and Space Sciences, through interaction and exposition sessions with experts in these domains as well as young researchers. During the meet, they would be exposed to state-of-art observation tools which would provide them

glimpses of inner-working of the Earth's interior and enable them grasp the processes in the atmosphere which are so vital for our very survival on this planet. We consider the programme a success when the young minds are ignited.

**Eligibility:** Post Graduate students (below 25 years of age) from Department of Physics/ Space Physics/ Atmospheric Physics/ Geophysics/Earth Sciences from select Universities.

**How to apply:** The Heads of the Departments/Institute may forward the nomination of not more than TWO students based on their academic credentials (submit a **rank-wise list** in case of more than two students) to the Programme Coordinator, Prof. S. Gurubaran on his email id [gurubaran.s@iigm.res.in](mailto:gurubaran.s@iigm.res.in) with cc to [iig.chairman.apc@iigm.res.in](mailto:iig.chairman.apc@iigm.res.in). Each nomination should be accompanied by the student's detailed resume (listing his/her **name, contact address, email, phone number, gender, educational qualifications** starting from X<sup>th</sup> onward and details of projects/awards etc. if any)

Students should be nominated by the Head of the Departments/Institute only. *Individual applications by the students will not be considered.*

**Selection process:** A maximum of 25 participants will be shortlisted from all the nominations received by due date.

**Financial Support:** Travel expenses to the extent of 3AC Train fare (by the shortest route to the venue & return by train or State Transport buses) will be reimbursed to the selected participants. Modest but comfortable boarding & lodging on sharing basis would be provided to the participants.

**Nominations:** The nominations by the head of the department/institute along with CVs of the nominated students should reach the Programme Coordinator by **30 January 2023** by email. The selected candidates will be intimated through e-mail only. Final list will be available on our website before the commencement of the training programme.