



IMPRESS – 2025

Organized by

Indian Institute of Geomagnetism (IIG), Navi Mumbai

27 Feb - 01 Mar, 2025

Venue

IIG New Panvel

Inspiring the Minds of Post-graduates for Research in Earth and Space Sciences – 2025

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 three of its regional centres and thirteen 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 its Headquarter or 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 50 participants. Participation in this programme is by invitation. The goal of IMPRESS is to motivate young minds towards electing research as a career; 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, atmospheric, and Space Sciences, through interaction and exposition sessions with IIG scientists and young researchers. During the meet, they would be exposed to state of the art observation tools which would provide

them glimpses of inner-working of the Earth's interior and enable them to grasp the processes in the atmosphere which are so vital for our very survival on this planet. This year a mini-workshop on "Exploration of the solar system" is jointly planned with ISRO, wherein the students will get glimpses of India's Space programs. 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 Head of the Department/ Institute should nominate ONE/TWO students to the programme coordinator at iig.impress@iigm.res.in. Each nomination should be enclosed with the student's detailed resume (listing his/her ***name, contact address, email, phone number, gender, Age, educational qualifications*** starting from Xth 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 50 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 also be provided.

Nominations: The nominations by the head of the department/institute, along with the CVs of the nominated students, should reach the Program Coordinator by email by 30 January 2025. The selected candidates will be intimated by 01 February 2025 through email only. The list of selected students will also be available on our website (www.iigm.res.in).

Contact details:

Prof. Amar Kakad

Coordinator, IMPRESS-2025

Phone: 022-27484188

Email: iig.impress@iigm.res.in