



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra
& Affiliated to University of Mumbai - Estd. 1999 - 2000)
ISO 2100:2018 ISO 14001:2015 ISO 9001:2015
NAAC Accredited

ACE/IV/HAS/2023-24

DATE: 23rd November 2023

Local Industrial Visit

Event Name	Industrial Visit
Date:	23/11/2023
Time:	09:30 a.m. onwards
Venue:	Indian Institute of Geomagnetism, Panvel
Target Students:	FE
No. of Students attended:	103
Organized by:	Department of Humanities and Applied Sciences
Faculties assigned:	Dr. Abhilasha Saini, Prof. Shashi Gupta, Prof. Aparna Shukla

Objective:

- To provide students with a practical understanding of geomagnetic research and its applications.
- To expose students to ongoing research projects, methodologies, and cutting-edge technology in geomagnetism.

Outcome:

- To facilitate interaction with researchers, scientists, and experts, allowing students to ask questions and gain insights beyond classroom knowledge.
- To help students explore potential career paths related to geomagnetism and geophysics, fostering interest and awareness about opportunities in the field.
- To offer hands-on experiences, such as laboratory demonstrations or experiments, allowing students to apply theoretical knowledge practically.



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Events and Activities

- There was an interactive seminar on Geo-Magnetism by Dr. Gopi K. Seemala. He is the Guest Researcher in the NICT program (May 2012 – October 2013, one year, six months) at the Research Institute for Sustainable Humanosphere (RISH), Kyoto University, Japan. In that session, students learned about the history of research and observations, an explanation of various components used for satellites and for the study of Earth's magnetic forces, and how increasing the number of satellites gives more accurate data for GPS navigation systems.
- Under the guidance of a research scholar and with the Reflected Telescope, students experienced the spot-on sun. The poster presentation enhanced students' knowledge about Earth's magnetic field, space events, and more about the effects of the sun on Earth. After the poster presentation, there was a quiz round based on the poster presentation.
- The industrial visit was a successful as it gave each student a fantastic opportunity to boost confidence, learn more, and advance in their careers.

Photos of the visit:





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Prof. Aparna Shukla
Coordinator Name

Dr. Ritu Sharma
HOD - HAS



Dr. Ramesh Kulkarni
Principal