



# **SOCIETY OF GEOINFORMATICS ENGINEERS INSTITUTE OF REMOTE SENSING**

*Publishes*

# **NEWSLETTER**

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## INDUSTRIAL VISIT TO VAINU BAPU OBSERVATORY

February 26th, 2024

Students of 2nd year from B. E. Geoinformatics visited Kavalur's Vainu Bappu Observatory on February 26th, accompanied by Dr. B. Divya Priya, Assistant Professor, Institute of Remote Sensing. The students explored the advanced telescopes and learnt the research opportunities in the field of astronomy. Various lectures are provided by the researchers in the Vainu Bappu Observatory, that provided invaluable insights to the students on astronomy.



## CELESTIA 2024 – GRACED BY DR. S. VIJAYAN, ASSOCIATE PROFESSOR FROM PRL, ISRO.

March 12th, 2024

Celestia'24, hosted by the Society of Geoinformatics Engineers on 12th March 2024, showcased cutting-edge Geoinformatics. Dr. Vijayan S from PRL graced the event as chief guest, inspiring attendees with his address. The symposium featured engaging paper and poster presentations, alongside workshops exploring diverse applications and trends. The event successfully fostered a stellar exchange of ideas, driving innovation and collaboration within the Geoinformatics community.



The symposium featured engaging non-technical events such as "MINUTES MYSTERY", "GEOBLE", "GEOBEE" and "GEOPIX" which brought an interactive and fun element to the day.



## GEOHORIZON'24 HAPPENS IN MAY

May 8th to 10th, 2024

GeoHorizon 2024, a nationwide geospatial symposium was hosted from May 8 – May 10, 2024. Various technical events such as Map Quest, Geo Chaze, Code Clash, Image Investigators and Pixel Pioneers, along with paper and poster presentations were conducted. Non-technical events like Anime Quiz, IPL Auction, and Murder Mystery were also organized to engage the participants. The key highlight of GeoHorizon 2024 was the introduction of 1st Edition of Mapathon, an online mapping event where participants were provided with latest problem statements and were required to generate visually appealing yet highly informative maps along with the description. The symposium hosted 2 workshops: "Terrestrial LiDAR Mapping" presented by Dbot delved into the fundamentals of LiDAR (Light Detection and Ranging) Technology with a live demonstration of the usage of LiDAR in construction applications using specialized equipment. "Geocoder's Guide" presented by ESRI India was another workshop, organized primarily for navigating career paths in the Geo Informatics development and discussed the future of Geosciences and the prospects of this unusual path.

## INAUGURATION OF NGP-DST FUNDED GEOINNOVATION CHALLENGE AT IRS

20th May, 2024

Institute of Remote Sensing successfully hosted a three-day Geoinnovation Challenge, which was organised by Dr. P. Shoba, Assistant Professor, IRS. This event was funded by NGP-DST, India, and revolved around the main theme "Geoinnovate for a sustainable nation by addressing crucial ecosystem challenges". They provided 10 different sub-themes that aligned with many of the Sustainable Development Goals (SDGs) to encourage participants to submit their ideas. The panel of judges included experts from academia, industry, and startups to evaluate the submitted ideas. The event kicked off with an inauguration ceremony featuring talks from international speakers - Dr. Sanju Purohit, Associate Professor, Akamai University, USA, Dr. Divya Yuvaraj, IT Developer and GIS Researcher, Miami-Dade County, Florida, Mr. Atma Bharati Mani, Staff Software Engineer, Disaster Resilience, One Concern, USA and Dr. Kokila Priya Ravi, Remote Sensing Scientist, CGG Satellite Mapping, UK. This also featured various Indian key speakers - Dr. Ramiya Anandakumar, Associate Professor, IIST Thiruvananthapuram, Dr. Surendar Manickam, Associate Professor, VIT Vellore, Dr. S. Selvam, Sr. Assistant Professor, V.O.C College, Tuticorin and Dr. Prashant K. Srivastava, Sr. Assistant Professor, Banaras Hindu University, Uttar Pradesh.

## SOCIETY MEMBERSHIPS

- Dr. P. Shoba, Assistant Professor, IRS renewed her ISG Society membership.
- Dr. B. Divya Priya, Assistant Professor, IRS renewed her membership in IEEE MADRAS CHAPTER society.

## IRS PROJECTS

- Development of Biogeographic Information System for East Coastal India using Geospatial Technologies
- Craters in Mare - Highland boundary and their role in understanding the evolution of Moon.

