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PRESS-RELEASE

IIT (ISM) Dhanbad gears for the three-day National Conference on Emerging Trends in Earth Sciences Geohazards and Resource Management, ETES 2024, and Geoconfluence '24, the annual event of the Department of Applied Geophysics (AGP) organized in association with all student chapters and societies.

The Department of Applied Geophysics of IIT (ISM) Dhanbad is organizing a three-day National Conference on Emerging Trends in Earth Sciences: Geohazards and Resource Management, ETES 2024 from September 27 to September 29.

The conference being organized at Penman Auditorium of institute is aimed of providing a platform for advancing knowledge, fostering collaboration, and addressing critical issues related to geohazards, sustainable resource management, energy security, and the ocean's multifaceted role in climatic regulations, biodiversity support, and resource provision in the field of Earth Sciences.

Meanwhile, the budding geophysicists from across the country visiting IIT (ISM) Dhanbad are also set to explore the meandering contours of geophysics through a series of exciting events scheduled as part of GEOCONFULENCE '24, the three-day megafest being organized by Department of Applied Geophysics with all it's student chapters and societies simultaneously from September 27 to September 29.

The event this year, which is a spectacular fusion of learning, innovation, and thrilling competitions, comprises a 48-hour hackathon, a Geosabha debate+case study competition, a GeoQuest quiz, a treasure hunt, geomodeling, and an instrument demonstration session, besides some fun-filled treasure hunts and a host of other special events, including alumni interaction, museum visits, museum tours, and a cozy movie night under the stars.

The reverberations for the three-day mega event will start emanating with Geosketch, a drawing competition held as a pre-event on September 26 evening at the New Lecture Hall Complex (NLHC), during which the children of the institute staff took part.

A 24-hour hackathon scheduled as a pre-event of a three-day megafest on September 27 will provide the opportunity to the participants to conjure ground-breaking solutions to real-world geoscience problems.

A photography contest, titled Geovision, and an online quiz Contest, Geotrivia, is also scheduled for September 27 as part of pre-events of the megafest, as the day also witnessed a 24-hour hackathon and visit of the participating students to the Geological Museum of the Institute, which is a treasure trove of more than 12,000 exhibits and displays of typical and rare metals and minerals.

The second day of the event, scheduled for September 28, will witness two Geo Talks by renowned experts, besides a Geosabha—a thought-provoking debate on earth science-related topics and demonstration of tools during Geotools.

On the concluding day of the event, on September 29, the treasure hunt provided the opportunity to participants to solve the intriguing puzzles and uncover clues that helped to transform geophysics into an exciting adventure. The knowledge of participating students about basic science, geophysics, and earth sciences came under the scanner during the geoquest held on September 29.

The event concluded with a Movie Night held on September 29, during which the screening of carefully curated science-themed films that blend excitement, intrigue, and a touch of the unknown.

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