



Inauguration of
**RADHANATH SIKDAR INSTITUTE OF
GEOSPATIAL SCIENCE & TECHNOLOGY (RSIGST)**

(Formerly International Institute of Geospatial Science & Technology (IIGST))

International Round Table on

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GEO-INTELLIGENCE FOR SMART FARMING

Enhancing Agricultural Productivity and Sustainability



Venue

IPCL Auditorium
Webel more, Sec-V,
Salt Lake, Kolkata



RSVP

Somnath Saha
+91 94343 00815
+91 6289169916
iigstkolkata@gmail.com

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An initiative by



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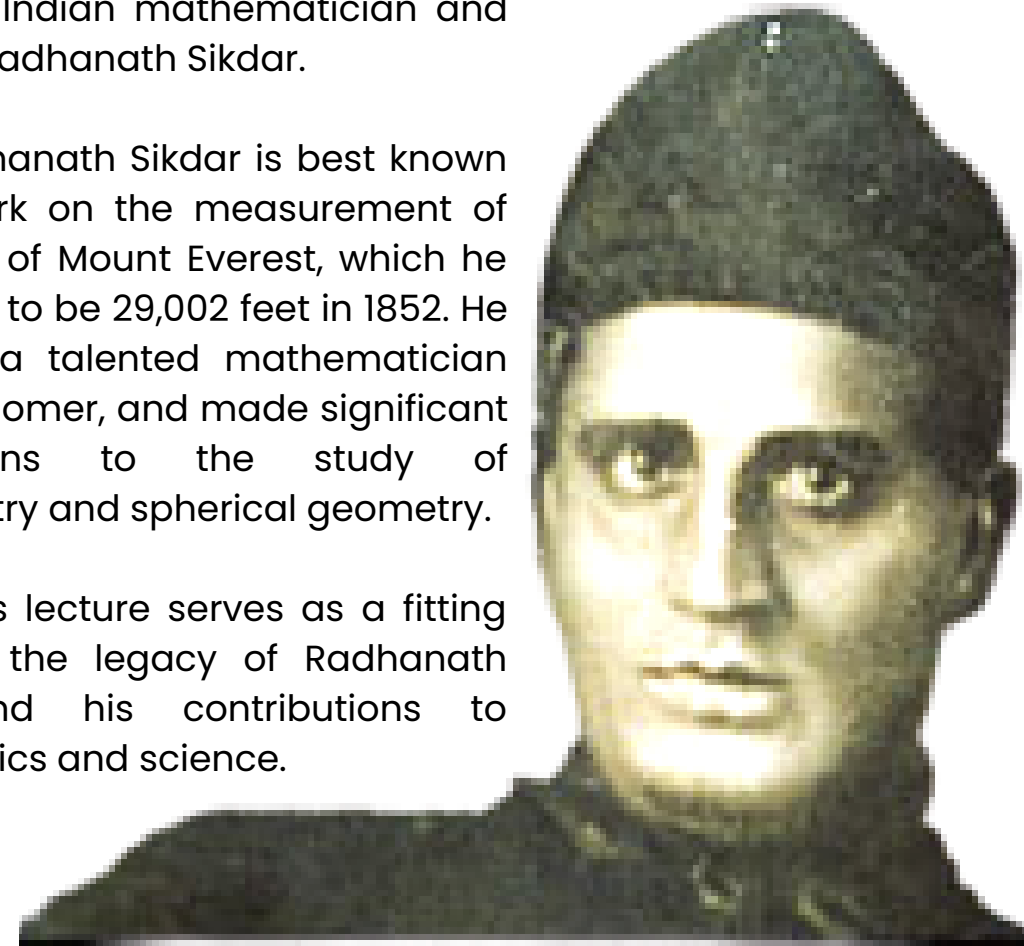


SHRI RADHANATH SIKDAR MEMORIAL LECTURE

The Radhanath Sikdar Memorial Lecture is an annual event held in Kolkata, India, in memory of the renowned Indian mathematician and surveyor, Radhanath Sikdar.

Radhanath Sikdar is best known for his work on the measurement of the height of Mount Everest, which he calculated to be 29,002 feet in 1852. He was also a talented mathematician and astronomer, and made significant contributions to the study of trigonometry and spherical geometry.

This lecture serves as a fitting tribute to the legacy of Radhanath Sikdar and his contributions to mathematics and science.



GEOSPATIA, an upcoming online journal and an initiative of Radhanath Sikdar Institute of Geospatial Science & Technology (RSIGST), formerly known as IIGST, serves as a comprehensive platform for disseminating knowledge, research findings, and technological advancements in the field of geospatial sciences. It covers a wide range of topics related to remote sensing, geographic information systems (GIS), global positioning systems (GPS), and other geospatial technologies. It caters to professionals, researchers, and enthusiasts who are interested in exploring the applications and advancements in this rapidly evolving field.

Background

The integration of advanced technologies in agriculture has given rise to the concept of smart farming, which aims to optimize agricultural practices, increase productivity, and promote sustainable resource management. Geo-intelligence, the collection, analysis, and interpretation of geospatial data, has emerged as a powerful tool to enable precision farming techniques. This concept note explores the potential benefits and applications of geo-intelligence in smart farming and highlights its significance in transforming the agricultural landscape. Smart farming involves the application of data-driven technologies and precision farming techniques to enable more efficient and sustainable agricultural practices. By incorporating geo-intelligence into smart farming systems, farmers gain access to accurate and real-time geospatial data that can inform decision-making processes related to crop cultivation, resource allocation, and risk management. Geo-intelligence technologies, such as satellite imagery, drones, and IoT devices, offer a comprehensive view of farmland, enabling farmers to monitor crop health, identify areas of concern, and implement targeted interventions.



Panel Themes

Geo-Intelligence Technologies in Agriculture: Opportunities and Challenges

Smart Farming & International Collaborations

Real Time Crop Monitoring and Early Detection of Crop Stress and Disease

Climate Resilience and Risk Management in Agriculture

Data Analytics and Decision Support Systems for Smart Farming



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Signing MoU

RSIGST looking forward to establish itself as a potential Centre of Excellence in Geospatial sector in India in case of both academia and industry support by creating geospatial manpower. To make India a geospatial nation, RSIGST offers an podium MoU signing ceremony. Interested organisations are welcome to mail their expression of interest on iigstkolkata@gmail.com

