

Bhaskaracharya National Institute for Space Applications & Geo-informatics

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Bhaskaracharya National Institute for Space Applications and Geo-informatics Latest News

The Comptroller and Auditor General (CAG) of India recently signed an agreement with the Bhaskaracharya National Institute of Space Application and Geo-informatics (BISAG-N) to leverage advanced technologies in geographic information systems and remote sensing.

About Bhaskaracharya National Institute for Space Applications and Geo-informatics

- It is an **autonomous scientific society** registered under the Societies Registration Act, 1860, **under the Ministry of Electronics & Information Technology (MeitY)**, Government of India.
- **Location: Gandhinagar, Gujarat**

- **Objective:** To undertake **technology development** & management, **research & development**, facilitate national and international cooperation, **capacity building**, and support technology transfer & entrepreneurship development in the **area of geospatial technology**.
- BISAG-N has **three main domain areas: satellite communication, geo-informatics and geo-spatial technology**.
- BISAG-N provides specialized services and solutions in **implementing map-based Geographic Information Systems (GIS)**.
- BISAG-N undertakes all services for the entire process of implementing an enterprise level GIS system.
 - These services include **GIS database design** and development, **map creation**/updatation and finishing, **data migration**/conversion and format translation, software development and customization, systems integration, and technical consulting.
- BISAG-N also **provides complete GIS solutions**, which bundle hardware and software with GIS systems development services.
- BISAG-N offers comprehensive GIS/Photogrammetric solutions over large geographical areas.
- These include solutions and services in the areas of mapping, cartography, imaging, photogrammetry, and utility/environment resource management. BISAG-N provides solutions based on Remote Sensing, using multispectral data, for specific applications like agricultural crop monitoring, watershed management, forest fire mapping, etc.
- The Institute **works in close coordination with GoI Ministries and State Government** departments/agencies and has thus **emerged as a National level agency to use satellite communication and Space & Geo-spatial technologies for the planning and development activities** in various sectors of the Government.

Bhaskaracharya National Institute for Space Applications and Geo-informatics FAQs

Q1. Under which ministry does BISAG-N operate?

Ans. Ministry of Electronics & Information Technology (MeitY)

Q2. Where is the headquarters of BISAG-N located?

Ans. Gandhinagar, Gujarat

Q3. What are the three main domain areas of BISAG-N?

Ans. Satellite Communication, Geo-informatics, and Geo-spatial Technology

Source: BS

Source: <https://vajiramandravi.com/current-affairs/bhaskaracharya-national-institute-for-space-applications-geo-informatics/>

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