

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 1677
ANSWERED ON 10/12/2025

NATIONAL GEOSPATIAL MISSION AND DATA POLICY

1677. SHRI SHASHANK MANI:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the details of the progress on developing a high-accuracy Digital Elevation Model (DEM) under the Geospatial Mission;**
- (b) the details of utilisation of ₹100 crore allocated for modernising land records and urban planning;**
- (c) whether a unified digital interface is now available for open access to publicly funded geospatial data and if so, the details thereof; and**
- (d) the manner in which the Government proposes to develop skilled workforce required for utilising advanced geospatial technologies?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

(a) to (b): The Digital Elevation Model for the entire country is available on 10m resolution. The National Geospatial Mission envisages creation of DEM on 25 cm resolution for Plain & undulating area including all urban area and 1-3 m for hilly & mountainous region. The Union Budget (2025-26) has announced National Geospatial Mission to develop foundational geospatial infrastructure and data. Using PM Gati Shakti, this Mission will facilitate modernization of land records, urban planning, and design of infrastructure projects with an initial outlay of ₹100 crore. The proposed mission has these major components - Modernization and Strengthening of National Geodetic Reference Frame, Strengthening of Geospatial Data and Mapping Infrastructure, Establishment of Geo-ICT Infrastructure,

Training and Capacity Building, Geospatial Technology Development.

(c) to (d): The Policy envisages Unified Geospatial Interface (UGI), an electronic data querying and processing service to provide consumer-oriented products, applications, services and solutions using the Geospatial data and metadata contained in the NGDR and utilizing the data supply chains from the Central and State Level Partnering Agency Data Nodes. National Institute of Geospatial Science & Technology (NIGST) has already developed foundational as well as advanced level courses to equip the workforce for required skilling in geospatial domain for officers of Survey of India and also the other central & state level officers. Further, the Capacity Building program includes identifying needs and building on existing capacities, formulating skills/competency standards and qualifications, studying and choosing the right from a wide range of approaches, making the training-of-trainers plans; and strengthening Training Infrastructure to reach national and regional levels.
