

Dhruva Policy

Initiative aims to enhance the way addresses are structured and managed in India

‘Digital Address’ layer enables users to generate personalized address labels by combining the DIGIPIN with descriptive information

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The initiative aims to enhance the way addresses are structured and managed in India. It works by assigning unique codes to locations using a geo-coded grid system of around 4 metres by 4 metres, known as a DIGIPIN. This significantly improves location accuracy and enables precise identification of places.

In addition, the ‘Digital Address’ layer enables users to generate personalized address labels by combining the DIGIPIN with descriptive information such as house numbers, street names, etc. This approach simplifies address usage, enhances accuracy, and facilitates easy sharing, and ultimately aims to establish a robust digital address management system.

Conceptualized with a federated and interoperable design, the initiative enables every location to be digitally addressable, strengthening service delivery and planning across sectors such as postal, telecom, and broadband—particularly in remote and underserved areas.

The initiative promotes indigenous technology through a fully India-developed geo-coded addressing system. As an open-source solution, it encourages domestic innovation in address-based solutions and aligns with the vision of Aatma Nirbhar Bharat.

The identified outcomes include enhanced digital inclusion, improved resource planning, reduced delivery costs, and more responsive public services across sectors such as postal, telecom, and broadband—particularly benefiting underserved regions.

A draft policy document has been circulated for stakeholder consultation. The project is at the proof-of-concept (PoC) stage.

This information was given by the Minister of State for Communications and Rural Development, Dr. Pemmasani Chandra Sekhar in a written reply to a question in Lok Sabha.

Samrat / Allen

