

National Digital Tourism Stack

National Digital Tourism Stack: A shared digital infrastructure for tourism

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The National Digital Tourism Stack is an open digital public infrastructure layer intended to make India's tourism offerings more discoverable, accessible and trustworthy. The Ministry of Tourism is developing it in collaboration with the Open Network for Digital Commerce (ONDC) and the International Centre for DPI Innovation and Advancement (ICDIA).

Tourism offerings such as homestays, monuments, guides, experiences and services from local providers are spread across different platforms and languages; many are yet to be digitised. The Stack is designed to let providers publish their offerings through an open network so that travellers can discover them across participating platforms. Participating businesses will be able to develop their own services and traveller-facing experiences using the shared infrastructure.

The planned capabilities include search and discovery, cataloguing, supplier credentials, ratings and reviews, grievance redressal, payment assurance for suppliers, and measures to support quality of service. The source document also envisages verified digital identity for domestic and foreign travellers and UPI-based payment options for foreign travellers. Together, these capabilities are intended to support a journey from discovering an offering to booking and using it.

The programme envisages participation by States and Union Territories, online travel agencies, tour operators, tourism service providers and digital commerce platforms. Its stated aims include onboarding 23,000 tourism experiences and homestays across 28 States and eight Union Territories, building a credentialled tourism ecosystem, and reducing repeated paper-based identity transactions.

Implementation is planned in phases over 30 months from October 2026, with a pilot in January 2027 and a wider rollout from July 2027. The Ministry's longer-term vision is an integrated travel pass that could bring access to tourism experiences, monuments and transport services together. These dates, targets and proposed capabilities describe the programme plan and should not be presented as features already available at launch.