



Government of Gujarat

75  
Azadi Ka  
Amrit Mahotsav



PM  
Gati Shakti  
GUJARAT

# PM GATI SHAKTI GUJARAT INTEGRATED MASTER PLAN





## PURPOSE OF PM-GATISHAKTI

To bring in more holistic and integrated planning and execution of projects with an aim to achieve multi-modal and last-mile connectivity.

## THE SIX Pillars OF PM-GATISHAKTI

# GatiShakti

**Comprehensiveness:** Integration of existing/ planned initiatives of various Central Ministries & State Government Departments

**Prioritization:** Through cross-sectoral interactions.

**Optimization:** Planning for new/ expansion projects by selecting the most optimum site in terms of time and cost.

**Synchronization:** Synchronization between multiple departments in planning and implementation

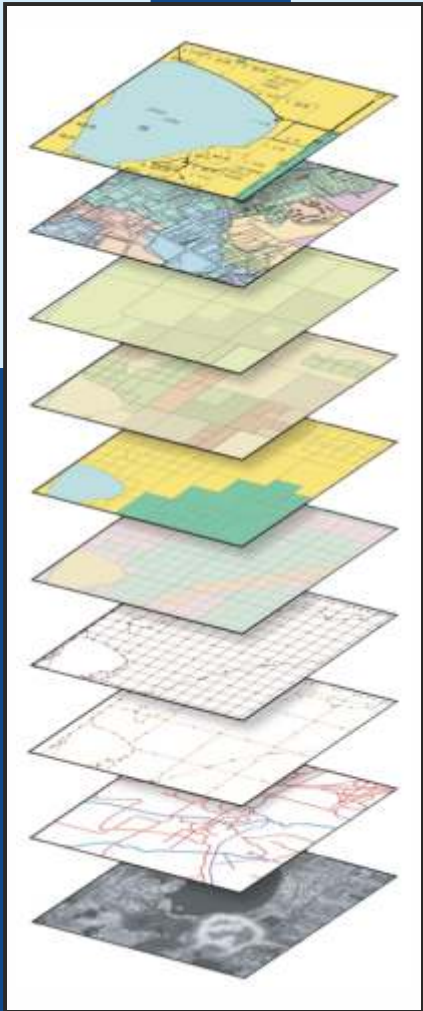
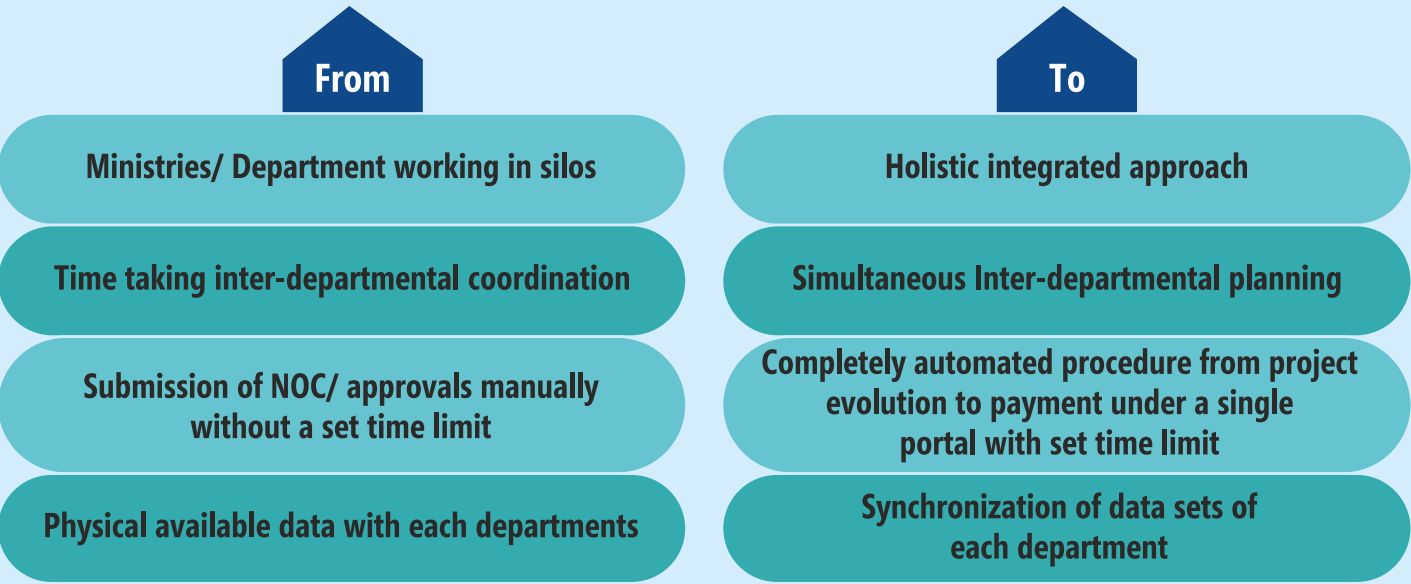
**Analytical:** GIS based spatial planning and analytical tools for gap identification and faster decision making.

**Dynamic:** Periodical updation of projects related data on the portal for faster decision making

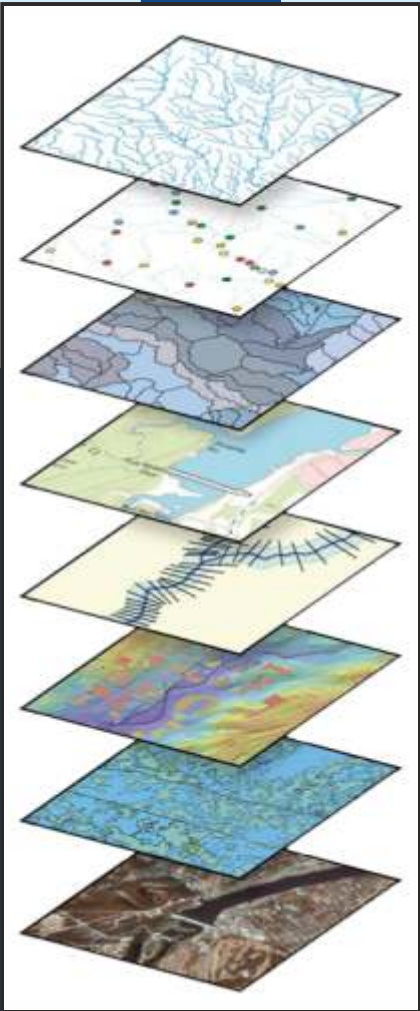
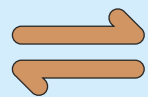


GUJARAT GATI -SHAKTI PORTAL INSIGHTS

BUSINESS PROCESS RE-ENGINEERING OF PROJECTS

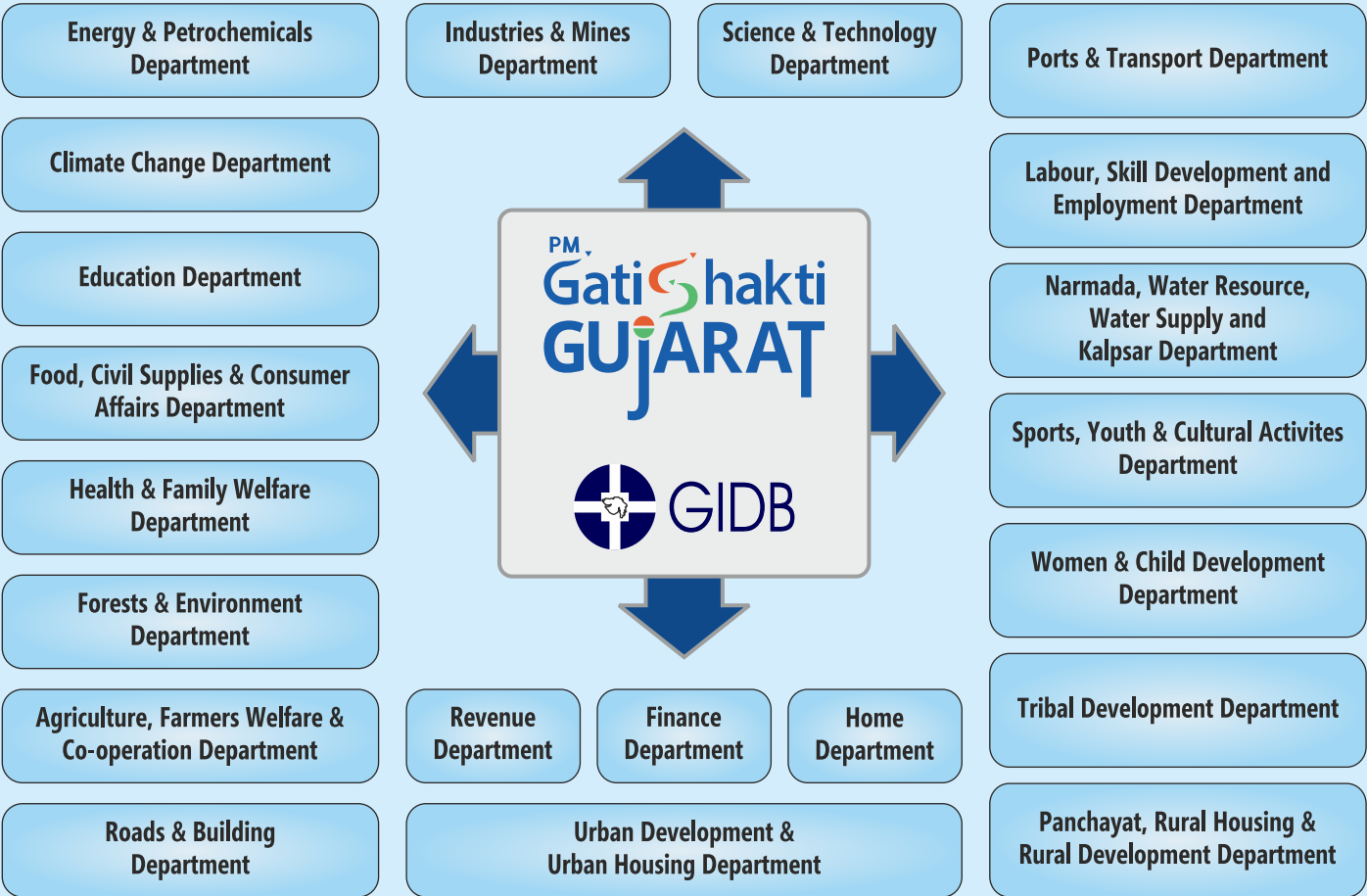


**Gati Shakti Gujarat**  
21 GoG Departments + 52 sub-Departments: Integration of more than 500+ Layers of Data



**PM Gati Shakti**  
25 GOI Ministries  
Integration of more than 700 Layers of Data

DEPARTMENTS INVOLVED





## BENEFITS TO GOVERNMENT:

- Better visibility and integrated planning for all departments
  - Integration of more than 500 data layers of 72 state government departments and 25 central government ministries
- Ease of Governance
  - NOC/ Permission/ Clearances Integration with Investors Facilitation Portal (IFP).
  - Online tracking - Application & approval process - Department, Applicant, Investor and Public
- Ease of Permission
  - Map based and Geo-location based application process using GIS data developed under Gati Shakti Gujarat
- Prioritisation of Infrastructure Projects
  - Identification & planning of last mile connectivity road, rail projects, missing link projects through site suitability analysis
  - Faster decision making

## BENEFITS TO INVESTORS/ INDUSTRIES:

- Ease of Doing Business
  - Faster approval process - Automation of NOC/ Permission/ Clearances
  - Investors' online tracking of application
  - Investor faster decision making - Suitable investment location identification in Gujarat
- Transparency/ Faceless Governance
  - Online NOC/ Permissions approval process
  - Online application submission to respective departments
  - Saves Time, Money and Logistics Cost.



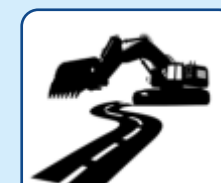
## PM GATISHAKTI GUJARAT PORTAL HAS DEVELOPED THE FOLLOWING TOOLS



Asset Mapping



Tree Cutting Calculation



Road Cutting and Filling



Planning of New Road Alignment



Site Suitability



Planning of Mobile Towers



Integration of Land Records



Know your Permission



Ageing Analysis Dashboard



EXAMPLE 1:

Tool: Planning of new road alignment

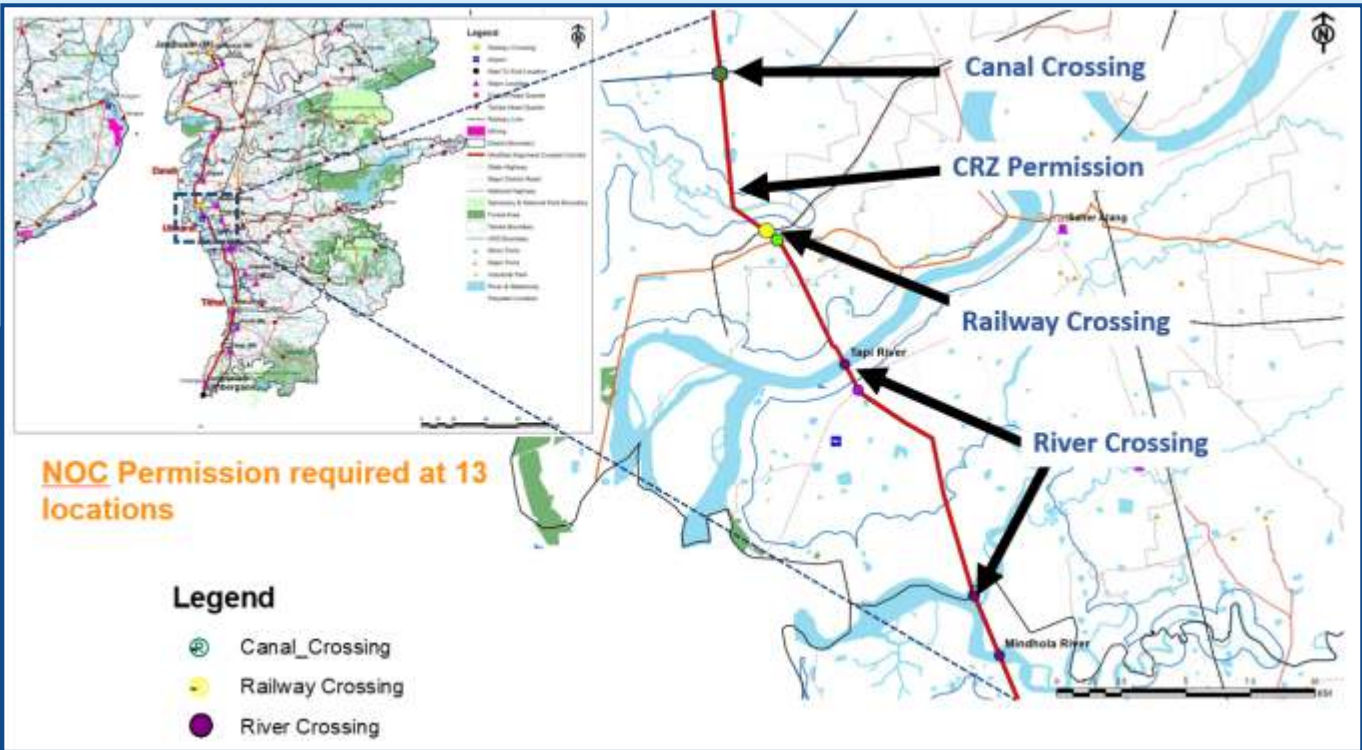
Case: Planning of proposed South Gujarat alignment (Part of Coastal Corridor)

Background:

The 300 km south coastal corridor is part of the proposed 1630 km costal corridor of the Government of Gujarat from Umargam in the South Gujarat to Narayan Sarovar in the Kachchh District.

This South Gujarat alignment covers 4 districts i.e Bharuch, Surat, Navsari & Valsad and covers important tourist places like Dandi, Ubharat and Tithal.

Department: Roads & Building Department



Criteria:

Site shortlisting based on GO and NO-GO criteria such as Eco Sensitive Zones, Wetlands and need for providing connectivity to tourism and industrial places

Benefits:

- Reduction in length of alignment due to integrated planning approach
- Identification of number of clearances to be taken
- Reduction in project cost



EXAMPLE 2:

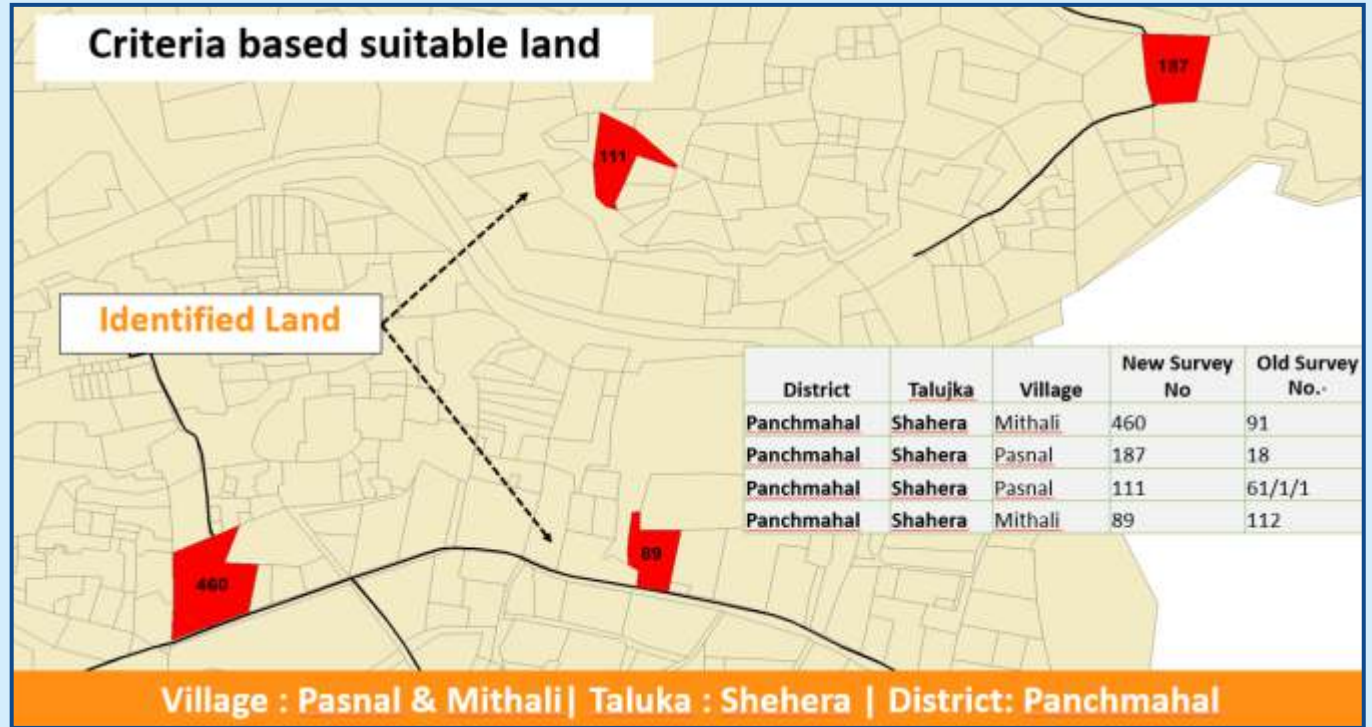
Tool: Site suitability

Case: Site suitability for a new warehouse in Panchmahal

Need:

New godowns to be developed in the State for the purpose of procurement, storage and distributing quantity of essential commodities to the fair price shops for the distribution of public distribution system

Department: Food, Civil Supplies and Consumer Affairs Department



Criteria:

Site shortlisting based on GO and NO-GO criteria such as proximity to roads, utilities and geo-graphic features

Benefits:

- Proper site selection as per requirement
- Reduction in time and cost for identifying sites
- Maximum utilisation of warehouses



### EXAMPLE 3:

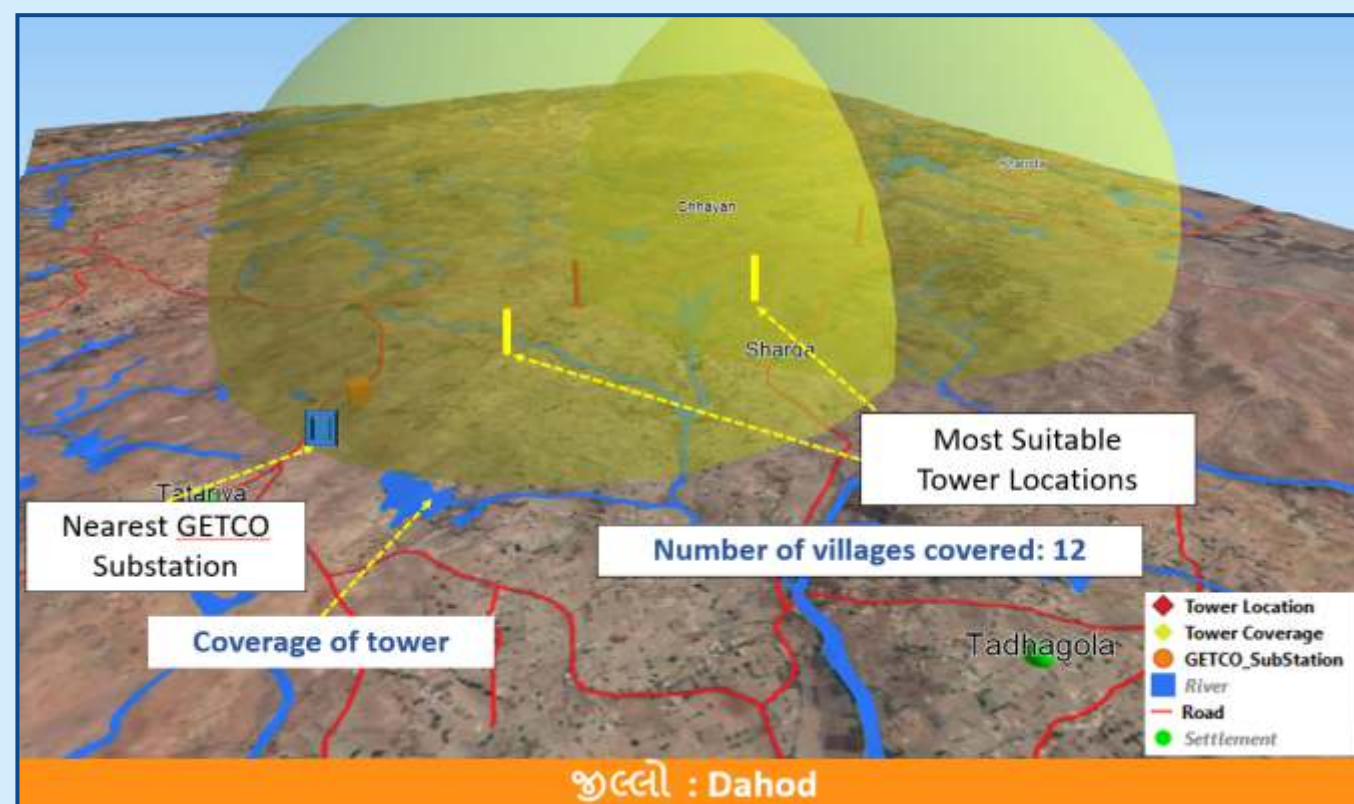
#### Tool: Planning of Mobile Towers

**Case:** Planning of Mobile Towers in Tribal District: Dahod

#### Background:

To provide mobile connectivity in uncovered villages and strengthen the mobile connectivity where voice or data signal availability is weak.

**Department:** Science and Technology Department



#### Criteria:

Gaps identified based on criteria such as habitation, terrain, population and existing coverage.

#### Benefits:

- Ensures mobile coverage to maximum population with minimum towers
- Faster implementation by ensuring availability of power
- Optimizes capital cost





## ABOUT GIDB



Gujarat Infrastructure Development (GID) Act was enacted in 1999 which gives legal framework and roadmap for promoting Public Private Partnership (PPP) in infrastructure sector. GIDB facilitates the development of infrastructure through private investment in the state.

Gujarat Special Investment Region (SIR) Act, 2009 was enacted for development of large sized Special Investment Regions with world class infrastructure and premier civic amenities. GIDB is the apex authority for approval of Town Planning Schemes under the SIR Act.

Key activities of GIDB:

- Nodal agency for Gati Shakti Gujarat Integrated Master Plan
- Monitoring High Impact Projects for timely implementation in Gujarat
- Convener for Island Development Authority
- Nodal agency for Gujarat Integrated Logistics & Logistics Parks Policy 2021
- Planning of initiatives and projects under the State PPP Cell as per the requirement of DEA, Ministry of Finance
- Coordinating body for development of projects taken up under the Delhi Mumbai Industrial Corridor (DMIC)
- Apex authority under SIR Act for Town & Regional Planning of
  - Dholera SIR
  - Dahej SIR
  - Mandal Becharaji SIR



## ABOUT BISAG-N

Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG) is an Autonomous Scientific Society functioning under the Ministry of Electronics and Information Technology, Government of India.

### 1. Aim

To empower and serve the Nation through development of Space and Geo-spatial Technologies, its applications/solutions/services in accordance to governance principles for socio-economic welfare of the Society.

### 2. Objectives

- To develop, integrate and achieve excellence in various emerging technologies such as Remote Sensing, Image Processing, GNSS, Spatial Computing, AI, ML, Mobile, IoT, Big-data Analysis, Database Systems Management, ERP etc. through advance research and development.
- To Create and organize authenticated, compatible, standardized, large scale, Multipurpose Geo-spatial data bases and its horizontal and vertical linkages for efficient use in decision making, analysis and planning in collaboration with Government Ministries, National/State organizations and agencies under their ownership.
- To integrate Governance processes in an integrated technology based system to provide holistic solution as per regulations/guidelines etc.
- To establish upgrade and maintained and operational TV broadcast and Satellite based communication as National facility for education, capacity building, empowerment, training, skill development etc.
- Capacity Building to support startups and entrepreneurs in Geo-spatial technologies, establish a finishing school in advance Geo-spatial technology and also to support International community in development and application of Geo-spatial technologies through a Government approved programme.

### 3. Functions

- Multi-technology based Services for Different Sectors
- Satellite DTH TV based Educational Telecast Programme
- In-house Technology Development through R&D
- Capacity Building Programme
- Skill Development/ Training through Virtual Reality

BISAG-N assists Ministries/Departments of the Central as well as State Governments in applying Geo-spatial and other emerging technologies in an innovative manner, to improve the effective roll out of e-governance services for the common citizens.

### Gujarat Infrastructure Development Board

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SCAN FOR eBROCHURE



SCAN FOR PM - GATI SHAKTI  
GUJARAT PORTAL

