

**Gati Shakti**  
National Master Plan for  
Multi-Modal connectivity

**प्रगति की गति  
भारत की शक्ति**

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SPOTLIGHT

## Implementation of PM Gati-Shakti Master Plan in Jammu & Kashmir

P.M.

**Gati-Shakti**  
Scheme

# BACKGROUND OF THE SCHEME

## Introduction

Prime Minister launched PM Gati Shakti - National Master Plan on August 15, 2021, for Multi-modal Connectivity, essentially a digital platform to bring all Ministries, Departments and other Govt. Agencies Nation wide for integrated planning and coordinated implementation of infrastructure connectivity projects.

The multi-modal connectivity will provide integrated and seamless connectivity for movement of people, goods and services from one mode of transport to another. It will facilitate the last mile connectivity of infrastructure and also reduce travel time for people.

## Vision

PM Gati Shakti will incorporate the infrastructure schemes of various Ministries and State Governments like Bharatmala, Sagarmala, inland waterways, dry/land ports, UDAN etc.

Economic Zones like textile clusters, pharmaceutical clusters, defense corridors, electronic parks, industrial corridors, fishing clusters, agri zones will be covered to improve connectivity & make Indian businesses more competitive.

It will also leverage technology extensively including spatial planning tools with ISRO and imagery developed by BiSAG-N

# AIM OF PM GATI-SHAKTI MASTER PLAN

**The chief aim of the program is to enhance coordination among the various ministries and departments.**

- India has been suffering from poor infrastructure for decades. The infrastructure creation domain had several inherent weaknesses. Traditionally, there was lack of coordination between different departments, for example, once a road was constructed, other agencies dug up the constructed road again for activities like laying of underground cables, gas pipelines, etc. This not only caused great inconvenience but was also a wasteful expenditure.
- Individual ministries and departments often worked in silos leading to poor planning and execution, which ultimately led to delays in the projects. This is where the Gati Shakti program hopes to bring a positive change.
- **The digital plan will provide the entire data at one place with GIS-based spatial planning and analytical tools having 200+ layers, enabling better visibility to the executing agency. Gati Shakti will help ministries/departments plan cross sectoral projects better, monitor the implementation, review the progress and make course corrections, if necessary since all the information will now be available on the portal through satellite imagery.**
- In the last few years, the Government has ensured unprecedented focus on infrastructure through a holistic outlook. This helps to address the past issues through institutionalizing holistic planning for stakeholders for major infrastructure projects. Instead of planning & designing separately in silos, the projects will be designed and executed with a common vision.

# Pillars of Gati-Shakti

Comprehensiveness

Activities of every department visible to others

Prioritization

Cross sectoral interaction enabled

Optimization

Activities of every department visible to others

Synchronization

Activities to be synchronized holistically

Analytical

Plan to provide all data in one place

Dynamic

GIS platform for all government department

# Significance of Six Pillars of PM Gati Shakti

**Comprehensiveness:** It will include all the existing and planned initiatives of various Ministries and Departments with one centralized portal. Each and every Department will now have visibility of each other's activities providing critical data while planning & execution of projects in a comprehensive manner.

- **Prioritization:** Through this, different Departments will be able to prioritize their projects through cross-sectoral interactions.
- **Optimization:** The National Master Plan will assist different ministries in planning for projects after identification of critical gaps. For the transportation of the goods from one place to another, the plan will help in selecting the most optimum route in terms of time and cost.
- **Synchronization:** Individual Ministries and Departments often work in silos. There is lack of coordination in planning and implementation of the project resulting in delays. PM Gati Shakti will help in synchronizing the activities of each department, as well as of different layers of governance, in a holistic manner by ensuring coordination of work between them.
- **Analytical:** The plan will provide the entire data at one place with GIS based spatial planning and analytical tools having 200+ layers, enabling better visibility to the executing agency.
- **Dynamic:** All Ministries and Departments will now be able to visualize, review and monitor the progress of cross-sectoral projects, through the GIS platform, as the satellite imagery will give on-ground progress periodically and progress of the projects will be updated on a regular basis on the portal. It will help in identifying the vital interventions for enhancing and updating the master plan.

# Role of UT Government/ District Administration in implementation of PM Gati-Shakti

## A. Role of UT Government

1. In order to provide single platform with respect to infrastructure which is spread across various Agencies/ Departments/ States, PM Gati-Shakti shall provide coordination between various Central Ministries/ Departments with various UT/ State Governments/ Departments, coordination between various Departments within a UT/ State, coordination between various Departments of a State/ UT with various Departments of another State/ UT for effective infrastructure creation and future planning.
2. PM Gati-Shakti State/ UT Master Plans therefore bears significance for providing multi-modal connectivity infrastructure for various economic zones in the UT.
3. Framing PM Gati-Shakti Master Plan for JK, and constitution of Committees i.e. EGoS, NPG, TSU in the Industries Department of UT.

## B. Role of District Administration

1. Help in ground level implementation of Planned initiatives/ projects under PM Gati-Shakti including expediting the District level approval processes.
2. Help District Administration in finding the Gaps in infrastructure and planning to bridge them with time.

## Steps involved in the Development of PM Gati-Shakti JK-UT Master Plan

1. To form committees and appoint Nodal Officer at UT level to coordinate between UT Departments, BISAG-N and Logistic Division (DPIIT, GoI) related to data layers, etc.
2. Nodal Officer of UT to identify concerned Departments dealing with data layers to be uploaded on Master Plan(special point of contact to be identified in the Department).
3. Organizing training programme/ one-to-one meeting between concerned Departments and BISAG-N for preparation of Data layers & getting them uploaded.
4. Getting User-id and Passwords of user Departments officials created and communicated to the concerned officers to have OTP based access to UT/ State Master Plan Portal.
5. BISAG-N Technical Team and concerned UT Department officers to work together for integration of data layers.
6. Getting specific tools (Aids/AIPs) prepared, if any required, for capturing the data.
7. Getting meeting of EGoS conducted at the earliest.
8. Creation of JK UT Gati Shakti master Plan prepared and officially inaugurated.

# Steps taken by UT of J&K

## STEP 1: Framed Committees & Designated Nodal Officer

➤ Government of J&K vide Government Order No: 573-JK (GAD) of 2022 Dated: 18.05.2022 issued by General Administration Department has constituted the following Group of Committees for implementation of Master Plan of Prime Minister's Gati-Shakti Programme in the UT of J&K:

**1. Empowered Group of Secretaries (EgoS)**

**2. Network Planning Group (NPG)**

**3. Technical Support Units (TSUs) for Jammu/Kashmir Divisions**

➤ Industries and Commerce Department is the Nodal Department

➤ Director, Industries and Commerce, Jammu is the Nodal Officer for effective implementation of PM Gati-Shakti Master Plan in the UT of Jammu & Kashmir.

## STEP 2: Organized Training Programme & Created User-id and passwords

1. Organized 4 days training programme for Nodal Officers and Technical Persons of Gati-Shakti of various Departments and Field offices at BISAG-N Ahmedabad.

2. User-id and Passwords of user Departments officials got created and communicated to the concerned officers to have OTP based access to UT/ State Master Plan Portal.

## STEP 3: Uploaded available Data layers

1. Uploaded available data on eight layers.

# STEP 1: FRAMED COMMITTEES & DESIGNATED NODAL OFFICER

## A. EMPOWERED GROUP OF SECRETARIES (EGOS)

### CONSTITUTION OF COMMITTEE

#### CHAIRMAN

Chief Secretary, J&K

#### MEMBERS

##### Administrative Secretary

1. Agriculture Production Department 2. Finance Department 3. Industries & Commerce Department 4. Jal Shakti Department 5. Housing & Urban Development Department 6. Public Works Department 7. Civil Aviation Department 8. Transport Department 9. Forest, Ecology & Environment Department 10. Mining Department 11. Revenue Department 12. Tourism Department

#### MEMBER SECRETARY

Administrative Secretary, Planning Development & Monitoring Department.

### TERMS OF REFERENCE

1. To review and monitor implementation of the plan to ascertain the logistics efficiency accruing thereof and adopting framework and norms for undertaking any amendments in the plan.
2. To coordinate for any changes in the project already included in the plan within the prescribed framework and norms.
3. To set out a procedure and definitive time frame for synchronization of various activities for construction of roads, rail etc. along with all utility services in an area-based approach for development of infrastructure on pilot basis.
4. To align various initiatives on development of a common integrated portal which serves the needs of all stakeholders.
5. To issue appropriate directions for achieving the objectives and for compliance to guiding principles of the PM Gati-Shakti NMP and in addressing demand side requirements of concerned Department.

# STEP 1: FRAMED COMMITTEES & DESIGNATED NODAL OFFICER

## B. NETWORK PLANNING GROUP (NPG)

### CONSTITUTION OF COMMITTEE

#### CHAIRMAN

Administrative Secretary, Planning Development & Monitoring Department

#### MEMBERS

Representative of (Not below the rank of Additional Secretary)

1. Agriculture Production Department 2. Finance Department 3. Industries & Commerce Department 4. Jal Shakti Department 5. Housing & Urban Development Department 6. Public Works Department 7. Civil Aviation Department 8. Transport Department 9. Forest, Ecology & Environment Department 10. Mining Department 11. Revenue Department 12. Tourism Department

#### MEMBER SECRETARY

Representative of Planning Development & Monitoring Department (Not below the rank of Additional Secretary).

#### 1. TERMS OF REFERENCE:

2. The group will be responsible for sharing their specific Action Plans for 2020-21 to 2024-25 with each other for facilitating integration of networks, enhance optimization through modification/ expansion/ new network creation to avoid duplication of works for holistic development of any region as well as reducing logistic costs through micro-plan detailing.
3. This group, after examining all the interventions proposed to be taken by various Departments shall delineate all projects where synchronization of efforts are required and propose any changes in the PM Gati Shakti NMP for consideration and approval of the EGoS.
4. The representatives of the concerned Department will be responsible to ensure that the data inputs of the progress pertaining to the respective Departments have been correctly mapped in the PM Gati Shakti NMP.
5. This group shall assist EGoS in coordination for any changes in the Projects already included in the Master Plan. While close coordination with the UT Government will be done, private sector Industries, experts will also be closely associated and during planning and implementation.

# STEP 1: FRAMED COMMITTEES & DESIGNATED NODAL OFFICER

## C. TECHNICAL SUPPORT UNIT (TSU)

### CONSTITUTION OF COMMITTEE

#### CHAIRPERSON FOR RESPECTIVE DIVISIONS

Director, Industries & Commerce, Jammu/ Kashmir.

#### MEMBERS

Representative of the Department (Not below the rank of Joint Director / Deputy Director)

1. Agriculture Production Department 2. Finance Department 3. Industries & Commerce Department 4. Jal Shakti Department 5. Housing & Urban Development Department 6. Public Works Department 7. Civil Aviation Department 8. Transport Department 9. Forest, Ecology & Environment Department 10. Mining Department 11. Revenue Department 12. Planning Development & Monitoring Department 13. Tourism Department

Further, Industries and Commerce Department shall be the Nodal Department and Director Industries and Commerce, Jammu shall be the Nodal Officer for effective implementation of PM Gati-Shakti UT Master Plan.

## Step 2: Organized Training Programme & Created User-id and passwords

- ▶ First Batch of 31 Officers/ Officials (out of 32 nominated) attended Four days training from 12 to 15 September, 2022 at BISAG-N, Ahmadabad, Guajrat, while as Second Batch of 30 Officers/ Officials (out of 36 nominated) connected with Gati-Shakti Master Plan attended the Four days training from 19 to 22 September, 2022.
- ▶ The participants were made aware of all the broad contours of PM Gati Shakti Programme and different possibilities through which data can be captured on all vital points and how data of various departments can be documented (excel files & KML/ SHAPE files) and sent to BISAG Ahmedabad for its uploading on the J&K PM Gatishakti Master Plan. Various tools which can be used in capturing of data were explained to the participants and the manner in which they should submit the data was also explained.
- ▶ In the training, it was also intimated by the BISAG Team coordinator for J&K (M/s Archana Chauhan) that they have received data from Forest, Wild-Life, Soil-Type, Mining Areas (Partially), Power Transmission and Distribution (Partially), Roads, Drainage, Industrial Parks. This data has been received through Remote Sensing Department of J&K and is not authenticated & validated by the concerned departments.
- ▶ BISAG-N, Ahmedabad, expects that data should flow to them after due authentication and validation from the concerned departments after which they will flag it in the category of authenticated data.

## Data Layers to be Uploaded on J&K Gati-Shakti Master Portal in the First Phase

S.No	DATA LAYERS	DEPARTMENT	STATUS
1	Land Records	Revenue	
2	Village boundaries	Revenue	
3	Forest	Forest	
4	Wild Life	Forest	
5	Eco Sensitive Zones	Forest	
6	CRZ	Forest	
7	Reserve Forest	Forest	
8	Water Resources	Jal Shakti (PHE)	
9	Water supply pipelines	Jal Shakti (PHE)	
10	Rivers	Jal Shakti (I&FC)	
11	Embankments	Jal Shakti(I&FC)	
12	Canals	Jal Shakti(I&FC)	
13	Reservoir Dams	Jal Shakti (I&FC)	
14	Soil Type	Agriculture	
15	Seismicity	Disaster Management (Meteorological Department, GoI)	
16	Flood Maps	Disaster Management	
17	Power Transmission and Distribution	PDD	
18	Electric Poles	PDD	
19	Mining areas	Mining Department	
20	ASI sites	Tourism (Archives)	
21	Tourism sites	Tourism	
22	Roads	PWD	
23	Sewer lines	HUDD	
24	Drainage	HUDD	
25	Bus Terminals and Bus Shelters	Transport Department/ HUDD	
26	Traffic Light Poles	Transport Department/ Traffic Police	
27	Economic Zones	Industries & Commerce	
28	Industrial Parks	Industries & Commerce	
29	Govt. Buildings/ Institutions	Concerned Department	
30	Petrol / Diesel Outlets	CAPD	
31	Village Habitations	Rural Development Department	
	<b>ADDITIONAL LAYERS</b>		
1	<b>Government Schools</b>	School Education Department	
2	<b>Health Institutions</b>	Health & Medical Education Department	

# Way Ahead

Following steps are required to be taken-up immediately to proceed ahead in the matter :-

- Administrative Departments to get the desired information prepared (Excel Files & KML/ SHAPE Files) as advised by the BISAG-N, Ahmedabad and get it forwarded to the Nodal Officer BISAG-N, Ahmedabad, after due approval and authentication, for its uploading on the J&K PM Gatishakti Master Plan.
- A Special Team needs to be constituted with members from Directorate of Environment and Remote Sensing, J&K Economic Reconstruction and Industries Department, having expertise in the field for getting the data layers updated on Master Plan in coordination with concerned Nodal Officer of the various Departments. The team shall also devise work activities to be followed in smooth implementation and creation of J&K Gati-Shakti Master Plan. Special tools APIs required by any Department for capturing the data layers, if any, shall be also suggested by the team. Further, data layers which can be added with time shall be also earmarked by the Team.
- As suggested by BISAG-N, Portal can be also used for issuance various NoCs by various Departments for which above Team shall also explore.
- Specific Action Plans to be submitted by the Administrative Departments under PM Gati Shakti Master Plan for the years 2022-23 to 2024-25 to be submitted to DPITT.
- Frame JK UT Logistic Policy
- Getting meeting of EGoS conducted at the earliest.
- Creation of JK UT Gati Shakti Master Plan prepared and officially inaugurated.



Thank

YOU