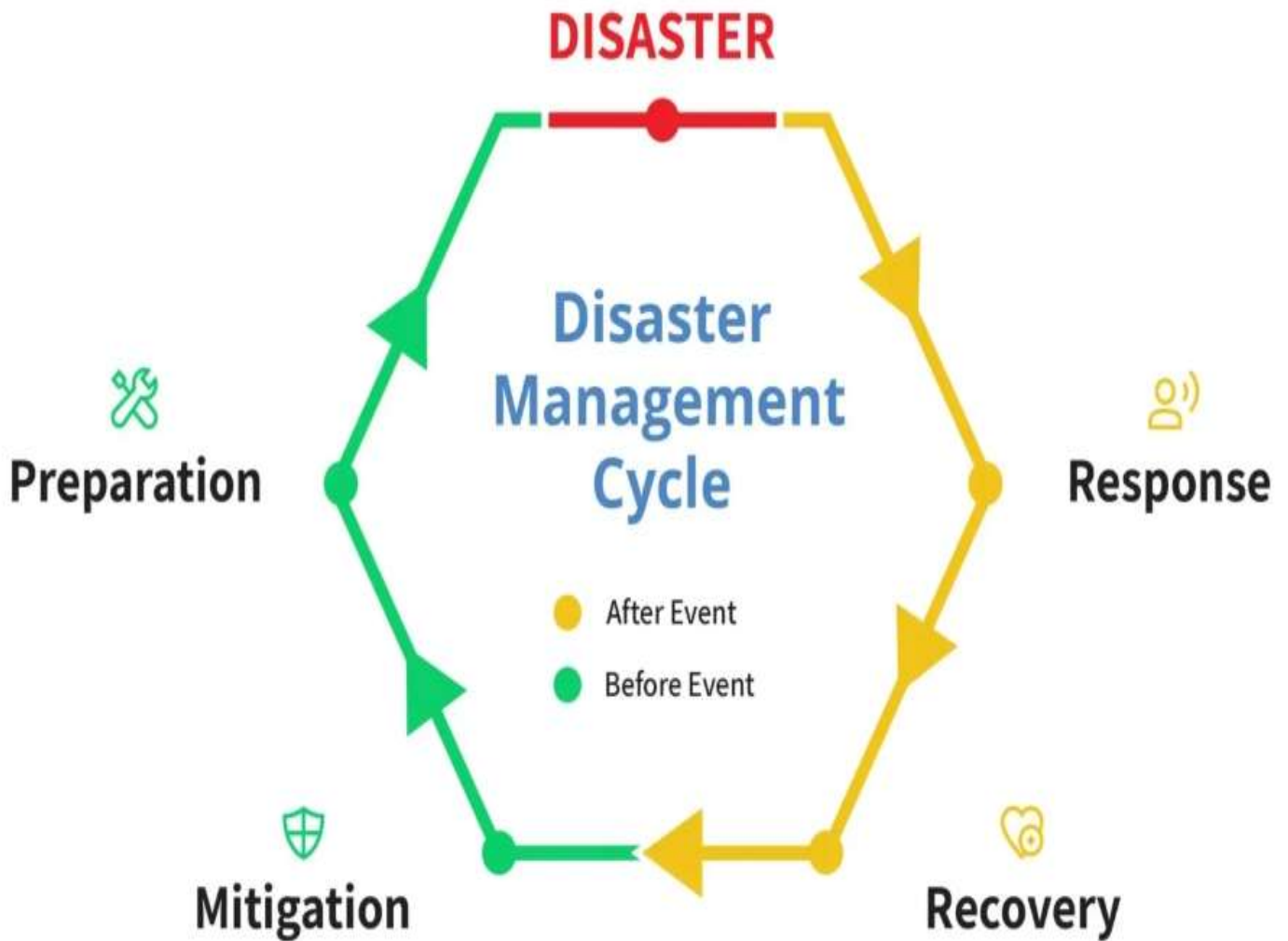




PORBANDAR MUNICIPAL CORPORATION DISASTER MANAGEMENT PLAN-2026



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Location: Precise geographic coordinates and municipal limits.

Linkages: Road network connectivity, rail infrastructure, and air transport accessibility.

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Topography: Elevation profile, drainage patterns, and natural features.

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Flood risk visualization with irrigation dam locations, command areas, water body extents, flood-prone zones, inundation history, and critical infrastructure in risk areas.

CHAPTER 1: INTRODUCTION

1.1 Aims & Objectives of Disaster Management Plan

Recognizing the fact that most tasks and actions before and following a disaster are common at the district level, the Porbandar Municipal administration has used a multi-disaster approach (all disasters covered by one plan) while developing disaster management plan for the Corporation.

Following are the main objectives of this Plan:

- To protect and minimize loss of human lives from effects of different disasters.
- Promoting a culture of prevention and preparedness by ensuring that disaster management receives the highest priority at all levels.
- Ensuring that community is the most important stakeholder in the disaster management process.
- To minimize sufferings of people due to different disasters.
- Main streaming disaster management concerns into the developmental planning process.
- To minimize property and Infrastructure damage and losses.
- Reduce vulnerability aspect of both people and infrastructure due to different disasters.
- Ensuring efficient response and relief with a caring approach towards the needs of the vulnerable sections of the society.
- To create awareness and preparedness and provide advice and training to the agencies involved in disaster management and to the community.
- To assess the risks and vulnerabilities associated with various disasters.
- To provide clarity on roles and responsibilities for all stakeholders concerned with disaster management so that disasters can be managed more effectively.
- To strengthen the capacities of the community and establish and maintain effective systems for responding to disasters.
- To strengthen the existing Response mechanism.

1.2 Evolution of the Plan

1. The Reactive Era (Pre-1990s)

Historically, municipal responses were largely "ad-hoc." Focus was on immediate relief and rescue operations after a disaster occurred. Structure was heavily dependent on local police and fire brigades without a centralized coordination strategy. Plans were often simple "SOPs" for emergency services rather than comprehensive city-wide strategies.

2. The Institutional Shift (1990s – 2005)

Global frameworks, such as the Yokohama Strategy (1994), pushed cities to think about "Prevention and Mitigation." Legal Frameworks: In India, the Disaster Management Act of 2005 mandated the creation of plans at the National, State, and District (including Municipal) levels. Cities began basic hazard mapping (identifying flood-prone areas or earthquake zones).

3. The Holistic & Integrated Approach (2005 – 2015)

The focus moved toward the Hyogo Framework for Action, emphasizing building the resilience of nations and communities. Decentralization: Power shifted to Municipal Corporations to manage their own risks. Multi-Hazard Plans evolved from single-threat to Multi-Hazard Disaster Management Plans (MHDMP). Mainstreaming: Disaster management was integrated into urban planning, building codes, and land-use regulations.

4. The Resilience & Technology Era (2015 – Present)

Current plans are guided by the Sendai Framework (2015-2030), focusing on "Understanding Risk" and "Building Back Better." Digital Integration includes real-time monitoring using GIS, sensors, and IoT for early warning. Administrative transparency through digital filing (e-Files) for faster approvals of disaster-related expenses and insurance for frontline workers. Climate Change Adaptation: Modern DMPs now account for long-term climate shifts, such as rising sea levels or heatwave management.

1.3 How to Use the Plan

The Four priorities of actions are:

- Understanding Disaster Risk from the Plan
- Strengthening Disaster Risk Governance to Manage Disaster Risk
- Investing in Disaster Risk Reduction for Resilience
- Enhancing Disaster Preparedness for Effective Response and to 'Build Back Better' in Recovery, Rehabilitation and Reconstruction

1.4 Authority for the Plan

Authority for Maintaining and Reviewing the MDMP

The Municipal Commissioner, Porbandar Municipal Corporation, shall be the nodal authority for maintaining and updating the MDMP.

The District Disaster Management Authority (DDMA), chaired by the District Collector, will coordinate the review process in consultation with line departments and stakeholders.

Updates must also be shared with the State Disaster Management Authority (SDMA) for integration into the broader state framework.

1.5 Stakeholders

Municipal Commissioner is the nodal authority for overall implementation of the MDMP.

Departmental Stakeholders:

- **Health and Sanitation** - Categorizing victims at the scene to prioritize life-saving treatment for those with the highest survival chance.
- **Fire & Emergency Services** - Search and rescue, fire suppression, and maintaining order.
- **Town Planning** - Regulating land use and enforcing building codes (e.g., earthquake-resistant features) to mitigate risks.
- **Water Supply and Drainage** - Managing water supply, De-watering and Managing Storm water Drainage to prevent post-disaster Flood.
- **Solid Waste Management** – Unblocking and managing sewerage and solid waste to prevent post-disaster disease outbreaks.

CHAPTER 2: HAZARD VULNERABILITY AND RISK ASSESSMENT

2.1 Matrix of Past Disasters in Porbandar City

Cyclones and Storm Surges

As a coastal city on the Arabian Sea, Porbandar frequently faces tropical cyclones:

- **1975 Cyclone (October 22):** One of the most powerful cyclones to hit the region, producing a massive storm surge of 4 metres (13 feet).
- **1983 Cyclone:** This event caused extreme rainfall, with over 1,100 mm falling in just four days, leading to devastating regional impacts.
- **Recent Cyclonic Activity:** In recent years, cyclones such as Biporjoy, Maha and Vayu generated in the Arabian Sea posed significant threats to the district, leading to large-scale disaster management activations.

Floods and Heavy Rainfall

Porbandar's geography includes low-lying areas known as the "Ghed" region, which is highly prone to severe waterlogging and flooding.

- **July 2024 Flood:** An intense downpour saw Porbandar received 565 mm of rain in 36 hours, the highest in the state at that time. This caused significant flooding in low-lying residential areas and disrupted traffic.
- **Extreme Rainfall Years:** The city has seen massive variations in rainfall, with a record high of 1,850.6 mm in 1983.

Earthquakes

While not in the most active seismic zone like Kutch, Porbandar is in Moderate Risk Zone III and frequently experiences tremors.

- **2001 Gujarat Earthquake (January 26):** Though the epicentre was in Bhuj, the 7.7 magnitude quake caused shaking and minor damage across the Porbandar region.
- **June 2020 Earthquake:** A 5.1 magnitude earthquake occurred approximately 208 km from the city, which was felt by residents.
- **October 2020 Tremors:** Four minor earthquakes (up to magnitude 3.3) were recorded with epicentres very close to Porbandar (roughly 30 km NNE).
- **August 2021 Earthquake:** A 4.3 magnitude tremor occurred roughly 66 km from the city.

Other Hazards

Drought: The region has historically faced extreme dry spells, with annual rainfall dropping as low as 32.2 mm in 1918 and 34.3 mm in 1939.

2.2 Authority and Concept of HRVA

Authorities: Porbandar Municipal Corporation, Gujarat Institute of Disaster Management (GIDM), DEOC (District Emergency Operations Centre)

Risk = Hazards × Vulnerability / Coping capacity

"Vulnerability gives the extent to which a community is affected by a disaster." The vulnerability brings to light, the structural susceptibility of society or social group to suffer harm, based on physical event constituting a "Threat".

2.3 Tools and Methodology used for HRVA

- GIS (Geographic Information Systems): Used for hazard mapping and visualizing physical vulnerabilities
- Past Disaster Experiences of Corporation Area
- Stakeholder workshops and field surveys
- Review of meteorological and incident data
- Community based Vulnerability Assessment

2.4 List of Hazards with Probability

Month	Cyclones	Earthquake	Tsunami	Fire (Urban/Forest)
January	Low	Constant (Zone III)	Constant	Low
February	Low	Constant (Zone III)	Constant	Low
March	Low	Constant (Zone III)	Constant	Moderate
April	Moderate	Constant (Zone III)	Constant	High (Heat wave/Dry)
May	High (Pre-Monsoon)	Constant (Zone III)	Constant	High (Peak Heat)
June	High (Monsoon onset)	Constant (Zone III)	Constant	Moderate
July	Moderate	Constant (Zone III)	Constant	Low

Month	Cyclones	Earthquake	Tsunami	Fire (Urban/Forest)
August	Low	Constant (Zone III)	Constant	Low
September	Moderate	Constant (Zone III)	Constant	Low
October	High (Post-Monsoon)	Constant (Zone III)	Constant	Low
November	High (Post-Monsoon)	Constant (Zone III)	Constant	Low
December	Low	Constant (Zone III)	Constant	Low

Natural Hazards and Likelihood

Hazard	Probability	Details
Cyclones		As a coastal city on the Arabian Sea, Porbandar is in a high-intensity cyclonic zone. Frequency has increased significantly, with major events now occurring nearly every year.
Floods & Waterlogging	High	The "Ghed" region of Porbandar is naturally prone to waterlogging. In 2024, approximately 9 villages in the district saw over 50% of their area impacted by severe flooding.
Drought		This region is eco-climatically classified as semi-arid, with a historical drought frequency of every third or fourth year.
Earthquakes	Moderate	Porbandar is situated in an area prone to moderate to high-intensity tremors. Official emergency centers are designed to Seismic Zone-V standards as a precaution.
Tsunami		While rare, the city's 1-metre average elevation makes it susceptible to storm surges and tsunamis originating in the Arabian Sea.

2.5 List of Vulnerable Zone and Wards

The Porbandar Municipal Corporation is divided into 2 Zones and 13 wards. The following localities are frequently highlighted in emergency response plans:

- **Ward 1 & Coastal Wards:** High risk of cyclone damage and storm surges due to direct exposure to the Arabian Sea.

- **Ghed-Bordering Wards:** Wards located on the periphery toward the "Ghed" plains face severe waterlogging during heavy monsoons.
- **Slum & Low-Income Pockets:** Localities with "Kachcha" (semi-permanent) housing are ranked as having the highest social vulnerability during earthquakes (Seismic Zone-V) and cyclones.

2.6 Resources Analysis

Resource	Location
Fire Tenders	Zundala Main Fire Station
JCBs	Sanitation Department, GIDC, Contractors
Trained Volunteers	DEOC Apada Mitras, NCC, NSS, NGOs
Ambulances	Civil Hospital, EMRI 108, Fire Department, Private Hospitals

Training Needs Identified:

- Fire safety and evacuation training for schools and commercial buildings
- Earthquake-resilient construction workshops for architects/engineers
- First aid and community-level response training in slums

Outcomes:

- Wards near river sand drainage channels are highly flood-prone
- Cyclonic winds impact coastal and old buildings with poor roofing
- Informal settlements lack awareness and resilience planning
- Fire risk in congested markets is a major concern
- Institutional response is adequate but needs better coordination and communication

2.7 Capacity Analysis

Institutional Capacities:

- Porbandar Municipal Corporation – Primary urban disaster management authority
- Fire & Emergency Department – with Rescue equipment
- Health Department – Civil Hospital with Trained Medical Staff
- DEOC and City Disaster Control Room operational 24/7
- Cyclone shelters available in coastal Areas
- Active collaboration with NGOs, Rotary Club, Red Cross

CHAPTER 3 : INSTITUTIONAL ARRANGEMENTS

3.1 Organizational Structure of Corporation

The Municipal Commissioner: The executive head responsible for the overall administration and ensuring the delivery of civic services.

The Deputy Municipal Commissioner: The executive head responsible for Zonal Activities and civic services Delivery in the Zone also Act According to Instruction Given by Municipal Commissioner.

Departmental Heads:

- **City Engineer:** Manages infrastructure, storm water management, and critical infrastructure projects.
- **Fire Officer:** Manages Emergency Services Team and Rescue Vehicles and Equipments.
- **Health Officer / Sanitary Inspector:** Oversees public health, waste management, and sanitation.
- **Chief Accounts Officer:** Manages the municipal budget, taxes, and financial auditing.
- **Tax Collector:** Responsible for the collection of property tax and other local levies.
- **Town Planner:** Manages urban development, building permissions, and land use.
- **Water Works Engineer:** Ensures water supply and maintenance of the drainage network.

3.2 Disaster Management Organizational Structure

Chairperson: The Municipal Commissioner.

Members: Both Dy. Municipal Commissioners, Heads of Fire Department, Health department, Engineering Department, Water Works Department, Solid Waste Management Department, Underground Drainage Department, Garden Department, Electrical Department, NGOs, and other civic agencies.

Functions: Plan, coordinate, and monitor disaster management activities in the Corporation Area.

3.3 City Crisis Management Group

The group's primary mandate is to manage "off-site" emergencies (crises that extend beyond a factory or site boundary into the city):

- **Emergency Planning:** Preparing local emergency plans for industrial pockets within the city.
- **Public Safety:** Educating the local population on how to respond during a chemical or industrial disaster.
- **Mock Drills:** Conducting full-scale mock drills at least once every six months to test preparedness.

- **Resource Coordination:** Training personnel and ensuring the availability of rescue equipment and medical supplies.
- **Information Flow:** Ensuring continuous communication with the District Crisis Group and the State Crisis Group during an active incident.

3.4 Composition of the Task Force

Chairperson: Sub-Divisional Magistrate (SDM) or Chairperson of the District Emergency Authority.

Member-Secretary: Inspector of Factories.

Core Members:

- Fire Officer (Porbandar Municipal Corporation)
- Police Officer (Police)
- Taluka Development Officer
- Primary Health Officer, C.D.M.O / Medical Experts
- Representatives from local industries (especially those handling hazardous chemicals)
- Community leaders and NGOs nominated by the Chairperson

3.5 Incident Response System in the State

1. Incident Reporting & Help Channels

Service	Number	Description
State Emergency Operations Centre (SEOC)	1070	Connects to Commissioner of Relief for state-level emergencies
District Emergency Operations Centre (DEOC)	1077	Localized reporting for district-specific incidents
Emergency Response Support System (ERSS)	112	Pan-India emergency number active in Gujarat
Fire Services	101	Fire emergency
GVK EMRI Medical Emergency	108	Ambulance services
Police Assistance	100	Law and order

State Level (Gujarat)

Gujarat State Disaster Management Authority (GSDMA): Headed by the Chief Minister. Develops state disaster management plans and coordinates resource mobilization and risk reduction strategies.

State Executive Committee (SEC): Chaired by the Chief Secretary.

Incident Response System (IRS): Deployed across the state with roles including Incident Commander (IC), Operations, Planning and Logistics Sections.

State Emergency Operation Center (SEOC): 24x7 functional in Gandhinagar with GIS and communication facilities.

3.6 Incident Response System (IRS) – Porbandar City

Incident Commander (IC): Usually the Municipal Commissioner or the appointed officer during disasters.

IRS structure includes:

- **Operations Section:** Ground-level response teams
- **Planning Section:** Information management, documentation, and situation reports
- **Logistics Section:** Resource mobilization, transportation, facilities and services

This structure ensures clarity of roles, streamlined communication and effective coordination among all stakeholders during emergencies.

Emergency Operation Centre (EOC) – Porbandar

Location: DEOC, Collector Office.

Functions: Real-time monitoring of disaster events, coordinating inter-departmental response, disseminating warnings and alerts.

Facilities: Dedicated communication lines, wireless sets, emergency database, and updated contact directories.

3.7 Public & Private Emergency Services Available in the City

Service	Facility	Contact
Fire & Emergency Services, Porbandar	Main Fire Station	101, 0286-2249850
Police	Police Control Room	100
Health	Emergency Ambulance	108

3.8 Forecasting and Warning Agencies

Agency	Function
India Meteorological Department (IMD), Ahmadabad	Cyclone, Rainfall, Heat wave Alerts
Central Water Commission (CWC)	Flood Forecasts
INCOIS	Tsunami Alerts
GSDMA & SEOC	State-level alerts and coordination
PMC/EOC Control Room	Local dissemination of alerts
Media, WhatsApp Groups, SMS Gateway	Public communication and awareness

CHAPTER 4: PREVENTION AND MITIGATION MEASURES

4.1 Prevention Measures in Development Plans

Municipalities and area development authorities in Gujarat incorporate prevention into their statutory Development Plans (DP) through several mechanisms. Porbandar Municipal Corporation Development Plan is under Progress:

- **Zoning and Land-Use Planning:** Restricting or regulating construction in high-risk areas, such as floodplains or ecologically sensitive zones.
- **Building Regulations:** Enforcing safety standards and hazard-resistant construction techniques for all new urban infrastructure.
- **Urban Risk Reduction (URR):** Specialized training by the Gujarat Institute of Disaster Management (GIDM) for architects and town planners focuses on addressing urban heat islands, urban flooding, and building resilient city systems.

4.2 Special Projects Proposed for Preventing the Disaster

- **Model Fire Station:** to tackle increasing Fire incidents in the outer skirts of Corporation.
- **Chhaya Fire Station:** In Planning Stage.

4.3 Hazard-wise Mitigation Measures

Structural Mitigation Measures

Hazard	Structural Measures (Physical Construction)
Flood	Dams, embankments, floodwalls, drainage systems, and pumping stations
Earthquake	Seismic retrofitting of old buildings, earthquake-resistant construction, and base isolation
Cyclone	Multi-purpose cyclone shelters, reinforced roofs and wind-resistant housing
Tsunami	Sea walls, breakwaters, and tree belts for natural surge protection
Landslide	Retaining walls, slope drainage pipe networks, check dams, and anchoring systems

Infrastructure Strengthening

- Strengthening of critical infrastructure (hospitals, schools, buildings)
- Earthquake-resistant construction norms as per IS codes
- Shelters in coastal and vulnerable wards
- Upgrading drainage networks to reduce urban flooding

- Desalting of rivers, storm water drains and lakes before monsoon
- Construction of check dams and retention ponds
- Retro fitting old government buildings and high-risk private structures
- Land-use planning with hazard zones and buffer areas
- Relocation of highly vulnerable informal settlements

4.4 Hazard-wise Non-structural Mitigation Measures

Type	Non-Structural Measures (Policy & Knowledge)
Legal/Policy	Enforcement of building codes and land-use planning
Technology	Early warning systems, hazard micro-zonation mapping, and forecasting
Financial	Disaster insurance, tax incentives for safety, and micro-finance schemes
Capacity	Community mock drills, public awareness campaigns, and DRR education in schools
Natural	Environmental management, watershed protection, and coastal zone regulations

Policy and Planning

- Integration of DRR in Porbandar Development Plan and Smart City Mission
- Strict enforcement of Building Code, Fire Safety Act and Environmental Rules

Awareness and Capacity Building

- Public awareness campaigns in schools, markets, and vulnerable areas
- Fire drills, mock exercises in coordination with NDRF/SDRF
- Training of municipal staff, volunteers and ward officers

Early Warning Systems

- Installation of cyclone and flood early warning systems
- Use of mobile alerts, community sirens and loud speakers
- Coordination with IMD and INCOIS for real-time updates

4.5 DRR Provisions as per Sendai Framework (SFDRR)

The Sendai Framework for Disaster Risk Reduction 2015-2030 (SFDRR) was adopted at the Third United Nations World Conference on Disaster Risk Reduction held in Sendai, Japan in March 2015. India is a signatory to this 15-year, voluntary, non-binding agreement.

The Four priorities of actions are:

1. Understanding Disaster Risk
2. Strengthening Disaster Risk Governance to Manage Disaster Risk
3. Investing in Disaster Risk Reduction for Resilience
4. Enhancing Disaster Preparedness for Effective Response and to 'Build Back Better' in Recovery, Rehabilitation and Reconstruction

The seven global targets are:

1. Substantially reduce global disaster mortality by 2030
2. Substantially reduce the number of affected people globally by 2030
3. Reduce direct disaster economic loss in relation to global GDP by 2030
4. Substantially reduce disaster damage to critical infrastructure and disruption of basic services
5. Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020
6. Substantially enhance international cooperation to developing countries
7. Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people by 2030

CHAPTER 5: PREPAREDNESS MEASURES

5.1 Stakeholders Identification

Stakeholders	Functions During Disaster Response
Porbandar Municipal Corporation	Coordination, Sanitation, Resources restoration
District Collectorate	DEOC operation, resource mobilization, inter-agency coordination
Police and Fire Dept.	Law and order, fire response and search & rescue
Health Department	Emergency healthcare, disease surveillance
NGOs/Volunteers	Relief distribution, psychosocial support, first aid
Industries/CSR Units	Equipment support, food, shelter
Media Houses	Information dissemination, awareness

5.2 Formation of Functional Teams

- **Early Warning Team** – Meteorology Dept, GSDMA, DEOC
- **Search & Rescue Team** – Fire & Emergency Services, Civil Defense, NDRF, Police
- **Evacuation Team** – Ward Officers, GSRTC, Transport Dept., Education Dept.
- **Damage & Loss Assessment Team** – R&B, PWD, Irrigation, Agri, Revenue Dept

5.3 Training Need Analysis

According to the Porbandar Municipal Corporation training should focus on these Emergency Response Functions (ERFs):

- **Coordination and Command:** Incident Response System (IRS) training to define clear roles and chains of command
- **Medical Care:** Specialized training in Mass Casualty Management, trauma care, and first aid
- **Technical Skills:** Search and rescue, flood rescue and disaster-resistant construction
- **Refresher Training:** Regularly updated courses to maintain competence and address "skill fade" in complex cognitive tasks

5.4 Arrangements for Training and Capacity Building

1. Institutional Training Arrangements

- **Central & State Institutes:** The National Institute of Disaster Management (NIDM) and State Institutes of Disaster Management (SIDM) develop modules and conduct residential, blended, or virtual training programs.
- **Specialized Responders:** The National Disaster Response Force (NDRF) and civil defense organizations undergo skill-intensive training in specialized disciplines
- **Digital & Virtual Learning:** Agencies like GIDM use state-of-the-art tools like Virtual Classrooms, SATCOM, and webinars to reach remote or "last mile" learners

2. Capacity Building at Local & Community Levels

- **Volunteer Networks:** Initiatives like the Aapda Mitra scheme train community volunteers in basic disaster response, first aid, and evacuation
- **Grassroots Institutions:** Training is integrated into Panchayati Raj Institutions (PRIs) and Urban Local Bodies
- **Information Dissemination:** Use of vernacular languages in IEC materials

5.5 Activation of Incident Response System (IRS) in City

1. Municipal Commissioner & District Collector: Incident Commanders
2. DEOC & IRS Cell: Operational hub
3. IRS structure customized to include Medical, Logistics, Planning, Media, and Shelter Branches

5.6 Protocols for Seeking External Help

- **GoI & State Govt:** Request through DEOC to SDMA
- **NDRF/SDRF:** Pre-deployment based on IMD alerts
- **Army/Navy/Air Force:** Activated via SDMA/NCMC upon requisition
- **PSUs & Central Agencies:** MOUs exists with Airport Authority

5.7 Checking and Certification of Logistics, Equipments and Stores

- **Logistics Inventory:** Maintained under IDRN/SDRN portal
- **EOC Maintenance:** Regular Emergency contact verifications
- **Store Checking:** Inventory check up and updating of rescue equipment

5.8 Operational Check up of Warning Systems

Checking of Early Warning Sirens, radios, EOC backup power.

5.9 Seasonal Inspection of Facilities and Critical Infrastructure

- **Flood Season:** Shelter home Checking, Dewatering pumps, drainage cleaning, embankment repair
- **Cyclone Season:** Cyclone center checking, Cyclone drill, evacuation plan rehearsals, coastal watch
- **Fire Season (Summer):** Industrial Area audits, Zuri forest fire watch

5.10 Command & Coordination - Quick Response Teams

Each zone has:

- Quick Response Team (QRT) with fire, police, health and Ward officers
- Ward-level Emergency Contacts of Engineers and Sanitary Inspectors for initial relief
- Nodal Officers for real-time decisions

5.11 NGO & Other Stake Holders Coordination - Active Coordination Cell

NGO Coordination from Community Development Officer at Municipal Corporation

Volunteers trained for:

- First aid
- Relief distribution
- Child and women safety
- Handling Small Fire Incident

5.12 Seasonal Preparedness for Seasonal Disasters

- **Flood Season:** Allocation of Shelter homes, Dewatering pumps, Storm Water drainage cleaning
- **Cyclone Season:** Cyclone center Identification, Cyclone drill, evacuation plan rehearsals, coastal watch

5.13 Community Awareness, Education & Preparedness

- School programs, mock drills, IEC materials
- Community volunteers trained For SOPs and alert protocols

5.14 Community Warning System

Sirens, WhatsApp group Alerts, local leaders

5.15 Procurements

Procurement of Blankets, Tents & Equipments with Rate contracts, Emergency vendors registered, Resources From DEOC

5.16 State Disaster Response Network (SDRN) Updates

Regular updates of manpower, vehicles, Equipment and Skilled Volunteers lists

5.17 VIP Visit Protocols

Convoy Management, Escorts, Helipad coordination, Security SOPs

5.18 Media Management / Information Dissemination

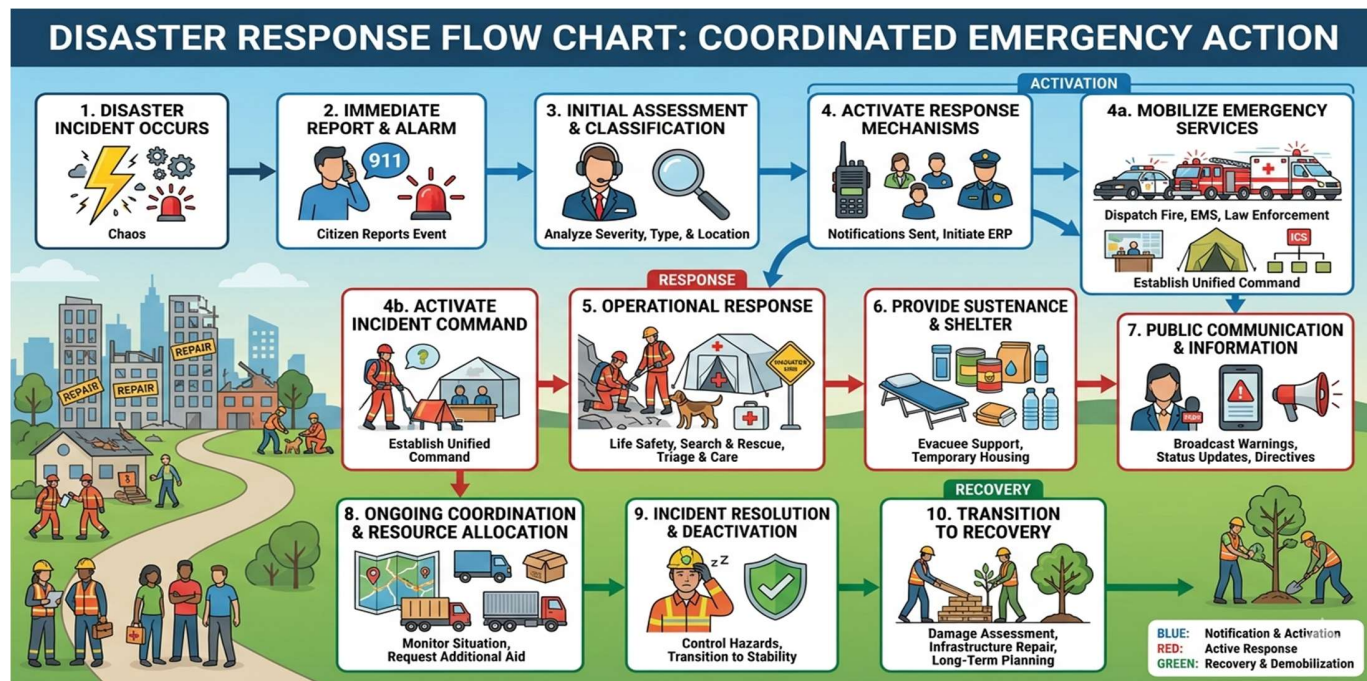
Designated spokesperson, media briefing SOP, pre-event press engagement

5.19 Documentation

Lessons Learnt Documentation – Post event review workshops

CHAPTER 6 : RESPONSE MEASURES (MULTI-HAZARD)

6.1 Response flow Chart



6.2 Warning and Alert

Warning Coordination with IMD, INCOIS and other agencies for hazard-specific alerts.

6.3 Warning Dissemination

Alerts must be translated into simple language by GSDMA. Dissemination through:

- Local radio/FM stations
- SMS alerts
- Public address systems
- WhatsApp groups and social media
- Loud speakers and sirens in vulnerable areas

Withdrawal of Warning: To be issued formally by GSDMA to avoid confusion.

6.3 District Crisis Management Group Meeting

DCMG is chaired by the District Collector. Activated immediately upon early warning or sudden impact. Key decisions on evacuation, response strategies and media briefing are taken.

6.4 Activation of Emergency Control Room (EOC)

The Emergency Control Room functions 24x7 during emergencies. Acts as the nerve center for:

- Situation monitoring
- Inter-agency coordination
- Media handling
- Logistics and resource mobilization
- Real-time reporting

6.5 Response Planning, Preparedness, Quick Assessment of Damages and Needs

A comprehensive multi-hazard response plan includes:

- Pre-disaster preparedness and role clarity
- Coordination between departments, agencies and communities
- Activation protocols and SOPs
- Early warning dissemination and evacuation strategies

Initial Damage Assessment (IDA): Conducted by field-level teams within hours of the event.

Needs Assessment: Focus on immediate needs— medical, shelter, food, water, and safety.

6.6 Warning Dissemination

- Alerts must be translated into simple language by GSDMA.
- Dissemination through:

Local radio/FM stations

SMS alerts

Public address systems

WhatsApp groups and social media

Loud speakers and sirens in vulnerable areas

- Withdrawal of Warning: To be issued formally by GSDMA to avoid confusion

6.7 Resource Mobilization

Rapid deployment of personnel, equipment and materials. Inter-district or state-level assistance requested when required. Collaboration with civil society, NGOs and private sector for resources like ambulances, relief kits, shelter and food.

6.8 Seeking External Help for Assistance

- **Nearby Local Services:** Initial contact with nearby public emergency services
- **District Level:** DDMA coordinates with state bodies, such as GSDMA & SDRF
- **State Level:** Further assistance from GSDMA, NDRF or Armed Forces like Navy and Coast Guard

6.9 First Assessment Report (First Report)

Submitted within 12 hours of the incident. Includes:

- Area affected
- Casualties / injuries
- Immediate needs
- Ongoing response

6.10 Media Management / Information Dissemination and Coordination

Designated media spokesperson from DDMA. Timely and verified updates through press releases, social media, government portals. Avoid misinformation and panic.

6.11 Emergency Response Functions

- **Life Safety & Rescue:** Immediate interventions to save lives, including Search and Rescue (SAR) missions
- **Incident Command & Leadership:** Establishing hierarchical structure for decision-making
- **Emergency Medical Care:** Providing first aid and advanced medical treatment
- **Public Warning & Information:** Disseminating timely alerts and situational updates
- **Logistics & Resource Management:** Identifying, acquiring, and distributing necessary supplies
- **Hazard Mitigation & Containment:** Actions to stabilize the scene

6.12 Humanitarian Relief and Assistance

- **Food Security & Nutrition:** Delivery of immediate food aid
- **Water, Sanitation, and Hygiene (WASH):** Providing clean drinking water and sanitation

- **Emergency Shelter:** Providing tents, prefabricated structures
- **Health Services:** Offering trauma care and primary healthcare
- **Protection:** Ensuring physical and mental safety of civilians
- **Education in Emergencies:** Establishing temporary learning spaces

6.13 Reporting and Documentation

Situation Reports generated every 10 to 12 hours. Media releases cleared by Public Relation officer of PMC. All activities documented for review, audits and learning.

6.14 Demobilization and Winding Up

Gradual withdrawal of response teams after controlling the disaster. Restoration of essential services. Final report and review meeting to be scheduled next two days after demobilization.

Focus on:

- **Documentation:** Damage reports, Relief distribution, Expenditure tracking
- **Success stories:** Plus points and Major Success stories post Disaster
- **Lessons learned for future preparedness:** Deep Analysis of what's missing and scope of improvement

CHAPTER 7: RECOVERY MEASURES

7.1 General Policy Guidelines

- **Prioritization:** Priority will be given to the most vulnerable and most affected groups and critical infrastructure
- **Build Back Better (BBB):** Reconstruction will incorporate disaster-resilient designs and technologies
- **Inclusivity:** Gender-sensitive and community-based approaches will be adopted
- **Transparency:** All programs will include monitoring, public reporting, and grievance redressal systems
- **Environmental Considerations:** Recovery will minimize environmental degradation and promote eco-restoration

7.2 Damage and Loss Assessment

A Detailed Damage and Loss Assessment (DDLA) will be undertaken to:

- Assess the extent of destruction to buildings, roads, utilities and Damaged livelihoods
- Identify the number of peoples affected and their needs
- Estimate financial requirements for recovery
- Prioritize interventions

7.3 Short-Term Recovery Program

Focus on immediate resumption of daily life:

- Cash or in-kind support for food, shelter and healthcare
- Short-term employment schemes (e.g., MGNREGA)
- Micro-credit and livelihood grants
- Temporary housing and relocation support

7.4 Long-Term Recovery Program

Focus on sustainable rebuilding and risk reduction:

- Permanent housing reconstruction with hazard-resistant design
- Reviving agriculture, industries and service sectors
- Livelihood diversification and skill development
- Access to insurance schemes and financial inclusion

CHAPTER 8: FINANCIAL ARRANGEMENTS

The successful implementation of the Porbandar Municipal Disaster Management Plan requires adequate and timely financial support. Financial provisioning ensures that disaster risk reduction (DRR), preparedness, mitigation and response activities are carried out without delay.

8.1 Financial Resources for Implementation of Plan

Source of Funding	Purpose	Responsible Agency
State Disaster Response Fund (SDRF)	Relief and response in notified disasters	Revenue Dept/ DDMA
National Disaster Response Fund (NDRF)	Support for severe disasters when SDRF is inadequate	NDMA/MoHA
City Disaster Response Fund (CDRF)	Local-level preparedness, mitigation projects, training, awareness	PMC and Collectorate
Finance Commission Grants (15th FC)	Disaster management-related infrastructure and resilience building	PMC/State Budget
Urban Development Schemes (e.g., AMRUT, Smart Cities)	Infrastructure retrofitting, water supply, drainage improvements	PMC/ Centrally Sponsored Schemes
CSR Funds from Local Industry	Support for emergency supplies, capacity building, shelters	Local Industries, GIDC, CSR Networks
NGO and International Funding	Community-based DRR, training, IEC material	NGOs, Red Cross, etc.

Disaster Insurance

Disaster insurance in Porbandar is primarily available through Home Insurance or Property Insurance policies. Since Porbandar is in a high-risk zone for cyclones and floods, standard policies from different Public and Private Sector insurers cover natural calamities including earthquakes, floods, and cyclones.

Micro Financing

Micro-financing in Porbandar is a vital resource for small entrepreneurs and low-income households, particularly for recovering from the coastal city's seasonal disasters like cyclones and floods. Financial services are delivered through traditional Non-Banking Financial Companies (NBFCs), Microfinance Institutions (MFIs), and government-backed Self-Help Group (SHG) programs.

CHAPTER 9 : MAINTENANCE OF PLAN

9.1 Authority for Maintaining and Reviewing the Plan

The Municipal Commissioner, Porbandar Municipal Corporation, shall be the nodal authority for maintaining and updating the MDMP.

The District Collector will coordinate the review process in consultation with line departments and stakeholders.

Updates must also be shared with the State Disaster Management Authority (SDMA) for integration into the broader state framework.

1. Schedule for Updation of MDMP

Updation Element	Frequency	Responsible Authority
Complete review and revision	Annually	PMC/DPO
Minor updates (e.g., contact lists)	Every 6 months	DPO, PMC
After-action inputs from disasters	Within 30 days post-event	Incident Commander / DDMA

2. Annual Mock Drill Calendar

S/N	Type of Drill	Responsible Agency	Frequency	Resource Support From
1	Earthquake Simulation	PMC + Fire Department	Once a year	SDMA, SDRF
2	Flood Evacuation Drill	Collector Office + Police + PMC	Pre-monsoon season	Irrigation Dept, SDRF
3	Fire Accident	Fire + Health	Regularly	PMC/ Fire
4	School Safety Mock Drill	DEO + Schools + Police + Fire	Annually (per school)	Education Dept, DDMA

PART 2

CITY PROFILE

Introduction

Porbandar is a historic coastal city and port on the western shore of the Kathiawar peninsula in Gujarat. Renowned globally as the birthplace of Mahatma Gandhi, it is a key administrative, industrial, and spiritual hub that blends deep mythological roots with modern maritime importance.

Geographic & Demographic Profile

Location

Situated on the Arabian Sea coast, it serves as the administrative headquarters of the Porbandar district.

Topography

Generally flat, coastal land with an average elevation of zero metres, characterized by sandy beaches and the nearby Barda Hills.

Population

The city and its urban outgrowths had a population of approximately 2,28,685 as of the 2011 Census. Unofficial estimates for 2026 suggest a metropolitan region population of roughly 324,000.

Literacy

Boasts a high literacy rate of 86.46%, significantly above the national average.

Climate

Hot, semi-arid climate with a pleasant winter (October–March) and a monsoon season from mid-June to September.

Economic Profile

Porbandar is a major contributor to India's "Blue Economy" and industrial landscape.

Blue Economy

Produces nearly 88,000 metric tonnes of fish annually, supporting around 15,000 local families. The Vanana GIDC is a specialized hub for fish processing.

Key Industries

Dominated by cement, chemicals, and shipbuilding. It is a leading producer of limestone, chalk, and bauxite.

Port Operations

Features an all-weather, medium-sized deep-water port capable of direct berthing for ships up to 50,000 DWT.

Agriculture

A leading producer of onions in India; other major crops include groundnuts, bajra, and cotton.

Administrative & Infrastructure Setup

Governance

Governed by the Porbandar Municipal Corporation.

Defense Importance

Serves as a critical strategic location, housing the Coast Guard District Headquarters (DHQ-1) and the naval base INS Sardar Patel.

Connectivity

Well-connected via National Highway 8C, a broad-gauge railway terminus, and a domestic airport with direct flights to cities like Mumbai.

Cultural & Heritage Highlights

Known as Sudamapuri in scriptures, the city is a significant pilgrimage and tourism destination.

Birthplace of Mahatma Gandhi

The Kirti Mandir is the primary landmark, featuring a museum and a 79-foot high monument.

Religious Significance

Home to the Sudama Mandir, dedicated to the childhood friend of Lord Krishna.

Natural Attractions

Features the Porbandar Bird Sanctuary and the popular Chowpati Beach.

POPULATION

Growth Rate

Porbandar's growth has fluctuated historically, recently showing a trend toward deceleration within the core city limits while expanding in the metropolitan outskirts.

Recent Decade (2001–2011)

The official 2011 census reported a decadal growth rate of 9.06% for the district. However, the core city population surprisingly contracted by approximately 3.85% during this same period, indicating a shift toward suburban living.

Current Projections (2011–2026)

The metropolitan population is projected to grow by roughly 22.21% over this 15-year period.

Average Annual Rate

The current estimated annual growth rate for the district is approximately 1.18%.

Spatial Distribution

The distribution of Porbandar's population is defined by a shift from the dense historical core to outward urban sprawl along transit corridors.

Urban Agglomeration

The population is primarily concentrated in the Porbandar Urban Region, which includes:

- **Porbandar Municipal Corporation:** The administrative and commercial heart.

Ward-wise Population Distribution

Ward Number	Population (2011 Census)
Ward No - 1	17,553
Ward No - 2	18,353
Ward No - 3	17,882
Ward No - 4	18,665
Ward No - 5	17,138
Ward No - 6	17,971
Ward No - 7	18,895
Ward No - 8	19,033
Ward No - 9	17,396

Ward Number	Population (2011 Census)
Ward No - 10	16,094
Ward No - 11	17,309
Ward No - 12	16,463
Ward No - 13	15,933

Population Indicators (SC & ST Population)

Ward Number	Population of SC (2011 Census)	Population of ST (2011 Census)
Ward No - 1	816	24
Ward No - 2	1,672	207
Ward No - 3	1,464	1,005
Ward No - 4	3,433	80
Ward No - 5	52	49
Ward No - 6	3,229	19
Ward No - 7	122	0
Ward No - 8	8	0
Ward No - 9	278	138
Ward No - 10	112	485
Ward No - 11	218	832
Ward No - 12	8	42

Ward Number	Population of SC (2011 Census)	Population of ST (2011 Census)
Ward No - 13	3,839	49

Sex Ratio: The sex ratio for the Porbandar Municipal Corporation is approximately 940 females per 1,000 males. This figure is derived from the weighted average of the constituent areas based on the 2011 Census.

LITERACY AND EDUCATIONAL FACILITIES

Literacy Rate as per Census 2011

Porbandar Municipal Corporation Area maintains a strong educational profile with an average literacy rate of approximately 85.76%. Male literacy stands higher at 90.68%, while female literacy is recorded at 80.57%. The city offers a comprehensive network of schools and higher education institutions, with 421 primary and upper primary schools operating across the district.

Overall Literacy

85.76%

Male Literacy

90.68%

Female Literacy

80.57%

Schools

421

1.8 RAINFALL DATA

Annual Rainfall - Last 10 Years

Year	Annual Rainfall (mm)	Annual Rainfall (inches)
2025	—	—

Year	Annual Rainfall (mm)	Annual Rainfall (inches)
2024	1,633.2	64.30
2023	684.5	26.95
2022	948.2	37.33
2021	637.3	25.09
2020	1,066.4	41.98
2019	1,111.5	43.76
2018	415.9	16.37
2017	433.5	17.07
2016	398.8	15.70

Note: The year 2024 recorded exceptionally high rainfall at 1,633.2 mm (64.30 inches), significantly above the normal range. This correlates with the July 2024 flood event when Porbandar received 565 mm of rain in 36 hours.

1.9 RIVERS AND DAMS

River Systems

The Porbandar City area is defined by its coastal geography and the Asmavati River, which is the principal river of the City.

Water Management Infrastructure

While there are no large dams located within the city limits, several important water management projects and riverfront developments are situated nearby.

Key Water Resources:

- **Asmavati River:** Principal river flowing through the city area
- **Coastal Geography:** Flat terrain with natural drainage challenges
- **Water Management Projects:** Riverfront developments and drainage systems in planning/implementation stages

1.10 WEATHER AND TEMPERATURE

Porbandar City experiences a hot climate year-round with a distinct monsoon season. Temperatures typically range from a minimum of 14 Celsius in the winter to a maximum of 36 Celsius during the summer months. Humidity levels are generally high often exceeding 80% during the monsoon season.

1.11 TOURISM (VISITING PLACES)

1) Historical & Heritage Sites

Kirti Mandir

The ancestral three-storey house where Mahatma Gandhi was born in 1869. It features a memorial temple and a museum showcasing his life through photographs and personal belongings.

Huzoor Palace

A massive early 20th-century royal residence with European architecture and French windows. While entry to the interior is restricted, it remains a majestic site for photography, especially at sunset.

Darbargadh

A historic palace complex that served as the royal residence of the Jethwa dynasty, showcasing a fusion of Rajput and European styles.

2) Temples & Spiritual Sites

Sudama Temple

Located in the city centre, this is the only temple in the world dedicated to Sudama, the childhood friend of Lord Krishna. It features a unique maze-like structure that devotees walk through.

Shree Hari Mandir (Sandipani Ashram)

Situated 5 km from the city near the airport, this grand temple is known for its detailed architecture and serene campus.

3) Parks & Nature

Chowpati Beach

The city's main hangout spot with a well-laid walking track, skating rink, and various food stalls. It is particularly popular for sunset views.

Porbandar Bird Sanctuary

One of the smallest sanctuaries in India, located right in the heart of the city, where you can spot various migratory birds like flamingos.

Asmavati Riverfront

A family-friendly waterfront promenade offering boat rides and rides for children.

4) Planetarium

Tara Mandir

An educational attraction featuring celestial shows, established as one of India's first planetariums.

ECONOMIC BASE AND INDUSTRIAL DEVELOPMENT

Porbandar's economy is fundamentally rooted in its identity as a historic port city, with its "Blue Economy" specifically fishing and maritime trade serving as its most vital pillar. The city also benefits from significant mineral-based manufacturing and a steady stream of religious and historical tourism.

1. The Blue Economy: Fishing and Maritime Trade

The fishing industry is considered the backbone of Porbandar's economy, employing over 15,000 families.

- **Fish Processing & Export:** The city is a major hub for India's blue economy, producing approximately 88,000 metric tonnes of fish annually. Units in the nearby Vanana GIDC process fish, fish meal, and fish oil for export to Europe, Asia, and the U.S.
- **Port Activities:** As an intermediate port, Porbandar facilitates the import of fertilizers, coal, and LPG, while exporting oil cakes, cement, and chemicals.

2. Industries

Porbandar sits on massive reserves of limestone, chalk, and bauxite, which has led to a concentration of heavy industries.

- **Cement & Soda Ash:** The region historically hosted Asia's first cement factory and continues to be a major production site for cement and soda ash.
- **Chalk Production:** The district contributes roughly two-thirds of Gujarat's chalk reserves.

3. Tourism and Culture

As the birthplace of Mahatma Gandhi, Porbandar is a major destination for "Gandhi Tourism".

- **Key Landmarks:** Sites like Kirti Mandir (Gandhi's birthplace) and the Sudama Temple attract lakhs of domestic and international visitors each year.
- **Handicrafts:** The city is known for its Jadau and Kundan jewelry, as well as traditional silver ornaments and colorful local handicrafts.

4. Agriculture

- **Major Crops:** The region is a leading producer of groundnuts and cotton. Other key crops include bajra, wheat, gram, and onions.

1.14 LAND USE PATTERN

Urban Land Use Dynamics (Porbandar Municipal Corporation)

Urban growth in Porbandar is characterized by a "ribbon-type" expansion along major roads, as the central business district (CBD) has reached its development capacity.

- **Built-up Area Expansion:** The built-up area increased from roughly 16.7% (12.4 sq.km) in 1991 to over 35.7% (26.5 sq.km) by 2021.
- **Decline in Barren Land:** As urbanization progressed, barren land decreased at an average rate of -7.80%.
- **Infrastructure-Led Growth:** Approximately 94% of new built-up developments have occurred within 1 km of major roads.
- **Density & Fragmentation:** While the CBD (Porbandar city and parts of Chhaya) shows low growth (0.62%) due to infill development saturation, the peripheral areas are becoming more fragmented with scattered built-up patches.

1.15 WATER SUPPLY SYSTEM

Porbandar City is primarily managed by the Porbandar Municipal Corporation, which delivers approximately 14 million litres per day (MLD) to the city. The system has shifted from total reliance on local reservoirs to a mix that includes major regional projects like the Narmada Canal.

Primary Water Sources

Narmada Project

The Sardar Sarovar Dam serves as the primary regional source. Porbandar is connected to the state-wide drinking water grid, receiving treated water via extensive pipeline networks.

Local Reservoirs

- **Khambhala Dam:** A significant local reservoir located in the Barda Hills that provides water to Porbandar.
- **Fodara Dam:** A reservoir completed in 1972 on the Billeswar River specifically for city drinking water supply.
- **Advana (Sorthi) Dam:** Part of the Barda Regional Water Supply Scheme, providing water to villages in the Porbandar.

1.16 URBAN ROADS INFRASTRUCTURE

Major road infrastructure includes Porbandar Madhavpur National Highway which lies in NH-51 Stretch and Porbandar Dwarka Stretch serves as Coastal Artery reducing travel time for Logistics and Tourism.

- **NH-27 Connection:** Porbandar serves as the western terminus for NH-27, India's longest East-West highway, connecting it to Silchar, Assam.

STREET LIGHTING NETWORK

Current Street light Network in Municipal Corporation Area boasts approximately 16,500 Lights which covers the Existing Road Network and new 2,200 Lights installation is in Plans to strengthen the Night Lighting.

1.17 URBAN AMENITIES

Educational Infrastructure

Porbandar features a blend of historic Vedic-style institutions and modern educational facilities, currently undergoing significant expansion under state-level initiatives like the Mission School of Excellence 2.0.

Key Educational Institutions

Level	Notable Institutions	Key Features
Higher Ed	GMERS Medical College	Features AC classrooms and specialized faculty for medical students.
	Dr. V.R. Godhania College	Engineering, IT, and Commerce courses; known for its "digital learning" focus.
	Shri V. J. Modha College	Specializes in IT and Science with smartboards and AC classrooms.
Schools	PM SHRI Kendriya Vidyalaya	Exemplar school with Atal Tinkering Labs and digital language labs.
	Arya Kanya Gurukul	Historic institution founded in 1937, focusing on Vedic principles.
	Jawahar Navodaya Vidyalaya	A central government residential school with advanced science and computer labs.
Training	Shree Ramba DIET	The District Institute of Education and Training

Healthcare Infrastructure

Porbandar's healthcare infrastructure is currently undergoing a multi-crore transition aimed at establishing it as a tertiary care hub for the Saurashtra coast. Central to this development is the newly operational medical college and teaching hospital.

MAJOR GOVERNMENT FACILITIES

Government Hospitals

- Bhavsinhji General Hospital:** Located in the city, serves as the biggest institution of healthcare.
- Maharani Rupaliba Lady Hospital:** Serves as government facility for women.

3. **GMERS Medical College:** Established in 2022 and operating on a 30-acre campus, this is the city's primary tertiary care facility.
- **Capacity:** It features a 330-bed hospital serving over 25 lakh local residents.
 - **Specialised Units:** Equipped with ICU, ICCU, NICU, Casualty, and full Radiology and Pathology department.

Key Private Hospitals

Hospital Name	Specialisation	Key Details
Global Multispeciality Hospital	Multi-speciality	Provides cashless treatment via major insurance like Care Health.
New Life Hospital	Maternity & Gynaecology	Located near the railway station; known for experienced maternity care.
Shakti Hospital	General & Surgical	Multi-facility setup with locations in GIDC and Khapat.
Morarji Kheraj Thakrar Hospital	Paediatrics & Dental	Features Ayushman Card support for eligible patients.
Netram Eye Hospital	Ophthalmology	Specialised eye care centre located near Godhania College.

INDUSTRIAL-COMMERCIAL INFRASTRUCTURE

GIDC

Porbandar's GIDC (Gujarat Industrial Development Corporation) area serves as the backbone for trade-related infrastructure, especially for fish processing and engineering.

Multi-Storeyed Sheds

GIDC has planned multi-storeyed vertical estates near urban centers to provide affordable office and small-scale manufacturing units, mitigating high real estate costs.

SOCIO-CULTURAL INFRASTRUCTURE

Porbandar is reinforcing its socio-cultural framework by integrating its Gandhian heritage with modern recreational and ecological projects. The heritage restoration of historic city libraries and monuments is a key element of cultural development.

UTILITY INFRASTRUCTURE

Porbandar Municipal Corporation is implementing development aspects of the city in terms of multiple utility projects like AMRUT 2.0 Water Scheme, Expansion to New Areas, Stormwater Management, and Waste Management.

2. GENERAL POPULATION OF MUNICIPAL CORPORATION

As per Census 2011, ward-wise population is approximately 2,28,685 people in the Municipal Corporation area. Ward No. 8 has the highest population of 19,033 people while Ward No. 13 is the least populated ward with 15,933 people.

3. VULNERABLE POPULATION OF MUNICIPAL CORPORATION

Ward Number	Area Name	Vulnerable Population
Ward No - 1	Bokhira Harijan vaas, Daraniya vistar	230
Ward No - 2	Ghaas Godown, Gayatri Mandir, Ashapura Chowk area	500
Ward No - 3	Sai baba Temple, Ambedkar Nagar	120
Ward No - 4	Khadpith, Zundala, Mill Para, Kadiya Plot	2,000
Ward No - 5	New Kumbharwada & Mafatiyapara	500
Ward No - 6	Virdi Plot	150
Ward No - 7	Old Harijan Vaas	150
Ward No - 8	Subhash Nagar	700

Ward Number	Area Name	Vulnerable Population
Ward No - 9	-	-
Ward No - 10	Pragji Bapa Ashram, V.V. Bazar, Karli Bridge Area	200
Ward No - 11	-	0
Ward No - 12	-	0
Ward No - 13	Chaaya, Devipujak Vaas, Ran vistar, Khaadi Vistar	200

4. SLUM AREA DETAILS OF MUNICIPAL CORPORATION

There is no registered slum in the Corporation area. However, some areas have been identified and considered as slum-like low lying areas of New Kumbharwada & Mafatiyapara, Chaaya, Devipujak Vaas, Ran vistar, Khaadi Vistar, and some areas of Khadpith, Zundala, Mill Para, Kadiya Plot, Sai baba Temple, Ambedkar Nagar.

5. LATITUDE-LONGITUDE AND DISTANCE FROM OCEAN

Geographic Coordinates

The precise global location of Porbandar City is:

- **Latitude:** 21° 38' 26" N
- **Longitude:** 69° 36' 21" E

6. Distance from the Ocean

Port city Porbandar is situated directly on the coast.

- **Proximity:** The city centre is approximately 1–2 km from the main shoreline, specifically Chowpatty Beach.
- **Elevation:** Reflecting its seaside location, the average elevation of the city is roughly 1 metre (3 ft) above sea level.

7. RAIN GAUGE MACHINES IN PORBANDAR CITY

- **Meteorological Office (IMD):** The India Meteorological Department (IMD) operates a meteorological station at the Civil Aerodrome (Porbandar Airport).

- **District Emergency Operation Centre (DEOC):** Located at Disaster Office, near Seva Sadan-2 on the Airport to Sandipani Road, this center handles real-time disaster and weather monitoring.

8. RAINFALL DETAILS IN CORPORATION

Annual Rainfall Data (2014–2023)

Year	Total Rainfall (mm)	Total Rainfall (inches)
2014	213.3	8.40
2015	416	16.38
2016	398.8	15.7
2017	433.5	17.1
2018	415.9	16.4
2019	1,111.5	43.8
2020	1,066.4	42.0
2021	637.3	25.1
2022	948.2	37.3
2023	684.5	27.0

9. DETAILS OF U.P.H.C., C.H.C.

No.	Name of PHC / Urban PHC / Ayushman Arogya Mandir	Name of Medical Officer / Staff	Mobile Number	Address
1	UPHC Chhaya	Dr. Jayesh Ranavaya	7069660121	Navapara, Chhaya
2	UPHC Kadiyaplot	Dr. Saswat Prasad	9628617669	Lane opposite Bajrang Dairy, opposite Police Chowki, Kadiyaplot
3	UPHC Shitala Chowk	Dr. Parth Joshi	7043184689	Darbar Gadh, Shitala Chowk
4	UPHC Subhashnagar	Dr. Khushali Jethwa	6352545192	Opposite Old Cemetery, Bokhira
5	Urban Ayushman Arogya Mandir Narsang Tekari	Dr. Rajesh Kodyatar	8758252751	Behind Sudama Parotha House, opposite Madhuram Paan, Narsang Tekari, Porbandar
6	Urban Ayushman Arogya Mandir East Area Kadiyaplot	Dr. Hardik Modhwadiya (Charge)	9173729107	Next to Patel Oil Mill, behind Gatral Paan, Kadiyaplot
7	Urban Ayushman Arogya Mandir Zundala	Dr. Hardik Modhwadiya	9173729107	Mill Clinic, Zundala
8	Urban Ayushman Arogya Mandir Balmandir Subhashnagar	Chirag Vara (Staff Nurse)	9909848465	Opposite Anand Hall, Balmandir, Subhashnagar
9	Urban Ayushman Arogya Mandir Dharampur	Vacant	-	Near Dharampur Community Hall, Gram Panchayat, Dharampur
10	Urban Ayushman Arogya Mandir Juribag	Avesh Halaipotra (Staff Nurse)	8238209634	Street No. 9-B, Juribag, near Mamadev Temple, Porbandar
11	Urban Ayushman Arogya Mandir Maftiyapara Old School	Manishaben Odedara (Staff Nurse)	8200800202	Old Government School, Maftiyapara

10. WARD-WISE WATER LOGGING AREAS & AFFECTED POPULATION

13

Wards Affected

4,750

Total Affected Population

Ward 4

Highest Impact Area

2,000

Max. Affected in Single Ward

Ward Number	Area Name	Affected Population
Ward No - 1	Bokhira Harijan vaas, Daraniya vistar	230
Ward No - 2	Ghaas Godown, Gayatri Mandir, Ashapura Chowk area	500
Ward No - 3	Sai baba Temple, Ambedkar Nagar	120
Ward No - 4	Khadpith, Zundala, Mill Para, Kadiya Plot	2,000
Ward No - 5	New Kumbharwada & Mafatiyapara	500
Ward No - 6	Virdi Plot	150
Ward No - 7	Old Harijan Vaas	150
Ward No - 8	Subhash Nagar	700
Ward No – 9	-	-
Ward No – 10	Pragji Bapa Ashram, V.V. Bazar, Karli Bridge Area	200
Ward No – 11	-	0
Ward No – 12	-	0
Ward No - 13	Chaaya, Devipujak Vaas, Ran vistar, Khaadi Vistar	200

LIST OF SHELTERS IN PMC

SR NO.	SHELTER NAME	ADDRESS	Name of the Manager	Contact No
1	Jhundala Khadpith area and Bay area	Jhundala Primary School, Joshi School, Jhundala	Mrs. Manjulaben Vejabhai Bapodara	9978203399
2	New Kumbharwada, Bay Area	Kumbharwada Primary School, Daraniya Road	Mrs. Pratikshaben Narandas Shingala	6353134052
3	New Kumbharwada area	Sharada Mandir Primary School	Shri Deepakbhai Joshi	9879840962
4	Area around Curly Pool	M.K. Gandhi School (M.E.M. School Compound) Kamalbagh	Shri Chanakya Bhai	9328088237
5	Area around Curley Pool	Leuva Patel Samaj Trust, road leading towards Birla	Mr. Rajubhai Trivedi	9106941533
6	Riverfront and surrounding bay area	Govindji Dayalal Lakhani Primary School	Shri Bharatbhai Sutreja	9925103030
7	VV market	Late Vasanji Kheraj Primary School	Shri Tirthabhai Vikrambhai Kargathiya	9428015284
8	Jhundala Khadpith area	Bardai Brahmin Vidyotejak Yuvak Mandal-Jhundala	Mr. Shaileshbhai Joshi	9426167265
9	Jundala area	Meher Samaj, Jhundala	Shri Maldebhai	9429321034
10	Kadiya plot area	Dr. Ambedkar Bhavan	Mr. Kaushikbhai Jhala / Shri Rajubhai Dhankecha	9106643634 / 9316688445
11	Kadia Plot, Kamdar Chowk Area	Kamdar Chowk Primary School Kadia Plot, Kamdar Chowk	Shri Niravbhai Joshi	9428086626 / 8200054065
12	Virdi plot	Branch School	Mrs. Shobhanaben Makwana	9879770384

SR NO.	SHELTER NAME	ADDRESS	Name of the Manager	Contact No
13	New Khadpith area	Lohana Mahajan Wadi	Mr. Rajubhai Kanani	8511479967
14	Bokhira area	Bokhira Girls' School	Mr. Vatsalbhair Dave	9426021488
15	Bokhira area	Meher Samaj Wadi, Bokhira	Mr. Meramanbhai	7874091851
16	Khapat area	Khapat pay. Center School	Mr. Miteshbhai	9924859591
17	Subhashnagar area	Subhashnagar Primary School	Mr. Saurabhbbhai	9723836246
18	Subhashnagar area	Subhashnagar, Anandhall	Mr. Mahendrabhai	7984456948
19	Zavar	Zavar Primary School, Main Road, Next to Office	Mr. Miteshbhai	7046140104
20	Behind Firebrigade Office	Sarvodaya Gym Center	Mr. Ashishbbhai	9727795050
21	Jubilee area	Jubilee Kumar School, Jubilee	Shri Jaibhai Modha	9276507588
22	Jhundala, Milpara, Kadia plot area	Vanjha darji Samaj, Jhundala	Mr. Bipinbhai	9081707012

11. IRRIGATION DAMS - LOCATION & CATCHMENTS

Fodara DAM - The Lifeline of Porbandar

Location: Near Village Bileshwar, approximately 17–18 km from Porbandar city

Purpose: Primarily used for drinking water supply to the city and irrigation in upstream areas

Capacity: Gross storage capacity of approximately **835.44 MCFT**

Catchment Area: Total catchment area of **25.40 km²**

Primary Water Source: Bileshwar river and Rainfall Water

12. RESOURCES AVAILABLE WITH PMC

Sr.no	Equipment	Nos.
1	Life Jackets	25
2	Life Bouy	25
3	Ropes (Different Sizes)	5
4	Generators	2
5	Fire Fighter	2
6	Water Browser	2
7	Boat	1
8	De-Watering Pump	4
9	Emergency Light	1
10	Emergency Vehicles Available at With Fire Branch (including Column 5 & 6)	7

13. LIST OF CHEMICALS AND THEIR ANTIDOTES

Sr.No.	Toxic Chemicals	Antidotes Required
1	Ammonia	0.4% benzocain for eyes. Immediately keep away the victim from the affected area & take him to the nearest shower. Immediately administer medical oxygen under low pressure using a pulmonary.
2	Chlorine	Derrifylinedexona, cp malate, milk of magnesia. Inhalational chlorine poisoning can be treated with supportive care and can include administration of humidified oxygen, bronchodilators, and Airway management. Pulmonary edema may be delayed and therefore patients should be monitored for upto 24 hours following severe inhalation exposures.

Sr.No.	Toxic Chemicals	Antidotes Required
3	Hydrogen chloride	Milk of magnesia
4	Hydrogen fluoride	Inj.cal glaciante
5	Oleum (sulphur trioxide)	Milk of magnesia
6	Carbon di-sulfide	Inhalation: Take the victim to well ventilated area. If not breathing, give artificial respiration and get medical attention. Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Eye: Immediately flush eyes with plenty of water at least 15 minutes lifting lower and upper eye lids occasionally.
7	Sulphuric Acid	Inhalation: Keep victim at well ventilated area, provide artificial respiration or oxygen if needed. Skin: Remove the contaminated clothing and wash the affected area with plenty of water and soap. Eye: Irrigate with plenty of water for 15 mins. Seek medical aid, immediately.
8	Hydrochloric acid	Observe victim for delayed pulmonary reaction, move him to well ventilated area. Give artificial respiration. Skin: Remove clothes and shoes. Do not use oil & ointment. Flush affected area with plenty of water. Eyes: Wash with plenty of water for 15 mins. Ingestion: Give plenty of water to drink, do not induce vomiting. Seek medical aid.

EMERGENCY RESPONSE PROTOCOLS

Water Logging Response

- Activate shelter managers immediately upon water logging alert
- Deploy de-watering pumps to critical areas (Ward 4 priority)
- Coordinate with Fire Branch for emergency vehicle deployment
- Establish communication with all 22 shelter locations

Chemical Emergency Response

- Immediate evacuation of affected area
- Contact designated medical facilities with antidote inventory

- Use appropriate PPE (Life Jackets, Life Bouy, Ropes) for rescue operations
- Document all exposure incidents for follow-up monitoring

14. HEAT WAVE ACTION PLAN

1. Early Warning System (EWS)

The India Meteorological Department (IMD) issues color-coded alerts that trigger specific administrative actions:

Yellow Alert (Advisory)

Maximum temperature is 4.5 to 6.4 °C above normal. Porbandar Municipal Corporation begins public awareness campaigns.

Orange Alert (Be Prepared)

Issued when severe heat is expected. The district administration activates cooling centers and ensures water availability in public places.

Red Alert (Take Action)

Extreme heat conditions Greater Than 45 °C. Emergency response teams are deployed, and non-essential outdoor work may be restricted during peak hours.

2. Public Health & Emergency Response

- **Medical Preparedness:** Hospitals like Bhavsinhji Civil Hospital and Urban PHCs maintain stocks of IV fluids, ORS, and cooling packs. Special "Heat Stroke Wards" are often designated.
- **108 Emergency Service:** The ambulance network is put on high alert for rapid response to cases of heat exhaustion or stroke.
- **Drinking Water:** The Porbandar Municipal Corporation sets up "Parabs" (drinking water stands) at high-traffic areas like bus stations, markets, and near Chowpatty Beach.

3. Protection for Vulnerable Groups

- **Worker Safety:** Labor departments issue advisories to construction and agricultural sectors to adjust working hours (avoiding 12:00 PM to 4:00 PM).
- **Cool Spaces:** Public buildings such as libraries, community halls, and malls are identified as "Cooling Centers" for those without home cooling.
- **Anganwadis & Schools:** Timings are often shifted to early morning to protect children from peak afternoon heat.

4. Important "Do's and Don'ts" for Residents

The City Administration frequently publishes these guidelines via local news and social media:

Essential Precautions

- **Stay Hydrated:** Drink plenty of water, even if not thirsty. Use traditional cooling drinks like buttermilk, lemon water, and Aam Panna.
- **Dress Appropriately:** Wear light-colored, loose-fitting cotton clothes. Use hats, umbrellas, or a damp cloth to cover your head when outdoors.
- **Timing:** Limit outdoor activities between 12:00 PM and 4:00 PM.

15. Core Principles of Effective Evacuation Planning

The following principles establish the foundation for developing robust, actionable, and community-centered evacuation plans. These guidelines ensure coordinated response capabilities and prioritize the safety and welfare of all affected populations.

1. Management Structure

Establishment of a management structure for organization, implementation, coordination and monitoring of the plan.

2. Legal Authority

Determination of legal or other authority to evacuate.

3. Roles and Responsibilities

Clear definition of rules and responsibilities.

4. Flexible Planning

Development of appropriate and flexible plans.

5. Warning and Information Systems

Effective warning and information system.

6. Community Awareness and Self-Evacuation

Promoting awareness and encouraging self-evacuation.

7. Movement Capability

Assurance of movement capability.

8. Community Confidence and Cooperation

Building confidence measures and seeking cooperation of the affected community.

9. Relief Camp Infrastructure

Availability of space for establishment of relief camps having requisite capacity and facilities.

10. Priority for Vulnerable Groups

Priority in evacuation to be accorded to special need groups like women, old and sick, handicapped and children.

11. Multi-Agency Coordination

For effective evacuation, organization and running of relief centers, cooperation and involvement of all agencies viz. Community, volunteers, NGOs, NCC / NSS, Home guards and civil defense, district and village bodies to be ensured.

12. Security and Protection

Security arrangement and protection of lives and property.

13. Resource Inventories

Preparation and updating of resource inventories.

14. Welfare Measures

Appropriate welfare measures throughout all stages.

15. Testing and Continuous Improvement

Mock exercise of prepared plans and recording of lessons learnt.

16. Documentation

Documentation.

Implementation Framework

Organizational Components

- Management structure for organization, implementation, coordination and monitoring
- Clear definition of rules and responsibilities across all agencies
- Cooperation and involvement of Community, volunteers, NGOs, NCC / NSS, Home guards and civil defense, district and village bodies

Legal and Administrative Foundations

- Determination of legal or other authority to evacuate
- Security arrangement and protection of lives and property
- Appropriate welfare measures throughout all stages

Operational Systems

- Development of appropriate and flexible plans

- Effective warning and information system
- Assurance of movement capability
- Availability of space for establishment of relief camps having requisite capacity and facilities

Community Engagement

- Promoting awareness and encouraging self-evacuation
- Building confidence measures and seeking cooperation of the affected community
- Priority in evacuation to be accorded to special need groups like women, old and sick, handicapped and children

Resource Management

- Preparation and updating of resource inventories
- Documentation of all procedures and outcomes

Continuous Improvement

- Mock exercise of prepared plans and recording of lessons learnt
-

16. SHELTER MANAGEMENT PLAN

As per instruction of Municipal Commissioner or message from SEOC, related Department will conduct operations of relief and shelter with their staff, group members & their staff and maintain the records of area wise population, shelter centers in your area for effective emergency evacuation. Based on the warning issued by IMD, pinpoint the areas likely to be affected by disasters and start the procedure for identifying safe places/shelters for evacuation in those areas.

Shelter Prioritization

Generally, **Schools and public buildings** are given first priority for shelter because they are always available with facilities and at the time of disaster people can take shelter in these public buildings.

Shelter Management Team

The Shelter Management Team consisting of **Ward Engineers and Sanitary Inspectors** takes care of the identified shelter buildings in pre-disaster and post-disaster scenarios. Key responsibilities include:

- Stock necessary materials such as food, drinking water, medicines, bleaching powder, firewood, lantern, etc.
- Ensure hygiene in and around the shelter place
- Women are generally active members of the shelter team as they are well acquainted with house management and are able to manage shelters during emergency
- The team leader or any other team member should have the keys of the safe shelters so that prior to the disaster they will clean up the place and make available the necessary materials required for the evacuees during disaster period

Police Coordination

The most important action by the police is to cordon off the site of the accident, divert and regulate traffic, and evacuate/shelter in place citizens in close proximity on a priority basis.

17. MEDICAL & HOSPITAL MANAGEMENT PLAN

Administrative Note

There is no Medical and Hospital Management plan at Municipal Corporation Level since it is prepared by District Administration and Medical Professionals. Municipal Corporation provides necessary help as per requirement in the plan.

18. MEDIA MANAGEMENT PLAN

Designated Media Person of Municipal Corporation will ensure to coordinate the following plan:

- Broadcast programs to raise people's awareness of disaster prevention measures
 - Develop news sources in emergency situation
 - Liaison with community leaders
 - Publicize station frequency
 - Broadcast public planning meetings
 - Outreach to the elderly, women, children, mentally and physically disabled people as well as other marginalized and other vulnerable groups
 - Encourage stockpiling of (hand-powered) radio receivers
 - Compile local knowledge on signs of impending disaster and share it with community
-

19. EARLY WARNING AND COMMUNICATION IN MUNICIPAL CORPORATION

In Porbandar, the early warning and communication framework is a multi-tiered system where the Porbandar Municipal Corporation acts as the final link in the chain, translating high-level meteorological data into local action.

1. The Dissemination Chain

Warnings typically flow from national technical agencies to the local citizen through this hierarchy:

1. **Source:** Agencies like the India Meteorological Department (IMD) for heatwaves and cyclones, or the Central Water Commission (CWC) for river flooding, generate the initial alert.
2. **Coordination:** The alert is received by the Gujarat State Disaster Management Authority (GSDMA) and the District Emergency Operation Centre (DEOC) in Porbandar and passed to Porbandar Corporation.
3. **Local Action:** The Porbandar Municipal Corporation then uses its local network to notify residents, especially in high-risk areas like the Ghed region or coastal slums.

2. Communication Channels Used by the Corporation

The Municipal Corporation employs a "multi-mode" approach to ensure "last-mile connectivity":

- **Digital Alerts:** Using media channels and social media alerts directly to mobile phones in the Porbandar area. These are free for users.
- **Public Address Systems:** During critical events like cyclones, the corporation uses vehicle-mounted loudspeakers and fixed sirens (Coastal Sirens) to reach residents in remote or noisy coastal environments.
- **Mass Media:** Regular bulletins are shared through local TV channels, the official social media handles of the Porbandar Municipal Corporation.
- **Human Networks:** Asha workers, Anganwadi workers, and local volunteers (NGOs) are often deployed to go door-to-door in vulnerable neighborhoods to explain the warning in the local language.

3. Response Infrastructure

To ensure these warnings lead to action, the corporation coordinates with these key locations:

Key Contact Information

District EOC Helpline: Residents can call **+91 286 2220800** or **1077** (District Helpline) for real-time updates and assistance.

Safe Shelters: In the event of a Red Alert, the Municipal Corporation manages the opening of designated shelters and cooling centers.

20. FIRE MANAGEMENT PLAN

Porbandar Fire Management Plan is governed by the Fire & Emergency Services Department of Municipal Corporation under Gujarat Fire Prevention and Life Safety Measures Act, 2013, and is integrated into the city's broader Municipal Disaster Management Plan (DDMP). The plan focuses on a "multi-hazard" response strategy, where the Municipal Corporation and District administration work together to prevent and mitigate fire risks.

1. Key Frameworks & Regulation

- **Legal Authority:** All fire safety operations must comply with the Gujarat Fire Prevention and Life Safety Measures Regulations, 2023 which mandate digital compliance through the Gujarat Fire Safety CoP Portal.
- **Fire Safety Certificates (FSC):** High-rise buildings (above 15m) and special occupancies (hotels, hospitals, schools) must obtain an FSC, which is valid for 3 years and must be renewed via certified Fire Safety Officers (FSOs).
- **Incident Response System (IRS):** Porbandar follows a standardized IRS that defines the command structure for responding to major fire emergencies, typically led by the Fire Officer.
-

2. Emergency Response & Infrastructure Contacts

Primary Fire Station

Zundala Road

Fire & Rescue

101

Fire Officer

6358318790



Control Room

0286 2249850

Command Hub

The Main Fire Control Room coordinates resource deployment between DEOC, Police and medical services.

21. Format of Primary Situation Report



પોરબંદર મહાનગરપાલિકા

પંડિતદિનદયાલઉપાધ્યાયભવન,રેલવે સ્ટેશન પાસે, એસ.વી.પી.રોડપોરબંદર-૩૬૦૫૭૫, ફોનનં.-૦૨૮૬-૨૨૪૦૯૩૬
E-Mail :- (1) co_porbandarnagarsevasadan@yahoo.com (2) copbr2008@gmail.com

અહેવાલ નં.

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પ્રતિ,

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વિષય: બનાવનો પ્રાથમિક અહેવાલ મોકલવા બાબત .

ઉપરોક્ત વિષય પરત્વે જણાવવાનું કે, પોરબંદર મહાનગરપાલિકાની હદમાં આવેલ
.....વિસ્તારમાં આગ/અકસ્માત/રેસ્ક્યુ નો બનાવ બનેલ છે, જે ઘટનાની વિગત નીચે મુજબ છે.

ક્રમ	વિગત	બનાવની ટૂંકમાં વિગત
૧	તારીખ	
૨	સમય	
૩	સ્થળ	પોરબંદર મહાનગરપાલિકા
૪	બનાવનું સ્થળ	
૫	બનાવ/ઘટનાની ટૂંકી વિગત	
૬	બનાવ/ઘટનાનું કારણ	
૭	બનાવ/ઘટના અન્વયે લીધેલ પગલા	
૮	રીમાર્ક્સ	
૯	બનાવ/ઘટના અંગે કરેલ પ્રાથમિક અહેવાલનો સમય	

ફાયર ઓફિસર
પોરબંદર મહાનગરપાલિકા

22. Objectives of SOPs

- Provide clear roles and responsibilities for various departments and stakeholders.
- Ensure rapid decision-making and co-ordination during emergencies.
- Promote effective utilization of resources, both technical and financial.
- Guide information flow and media communication.
- Facilitate uniform standards for relief, recovery and rehabilitation.

Key Responsibilities of Porbandar Municipal Corporation

- **Emergency Infrastructure:** Ensuring operational readiness of de-watering pumps, electric generators, and emergency vehicles.
- **Search and Rescue:** Deploying fire services and local relief teams for urban rescue operations.
- **Urban Safety:** Physical verification of disaster equipment such as boats, life jackets, and life buoy rings.
- **Control Room:** Maintaining a 24/7 control room at Fire Station & Corporation Office.

Emergency Response Phases

- **Forecasting & Warning:** Receiving alerts from the IMD or Irrigation Department via the District Emergency Operation Center (DEOC).
- **Activation:** Triggering the local response team once the Collector declares a disaster area.
- **Field Deployment:** Dispatching fire and rescue services for search and rescue operations.
- **Relief:** Setting up temporary shelters and ensuring water and power restoration in coordination with agencies like PGVCL.

23. Projects for Prevention of Disaster

Commissioning of New Fire Stations:

1) Model Fire Station : at Vanana Area new Fire Station is Under Construction and nearing Completion.

2) New Chhaya Fire Station : Fire Station at Chhaya area is Under Approval and Set to serve the Populated areas of Chhaya and Navapara

24. Indicators: Important Websites, Acronyms and Sources of Information

Important Websites

Level	Organisation	Official Website
District	Porbandar District Administration	porbandar.nic.in/disaster-management
State	Gujarat State Disaster Management Authority (GSDMA)	gsdma.org
State	Gujarat Institute of Disaster Management (GIDM)	gidm.gujarat.gov.in
National	National Disaster Management Authority (NDMA)	ndma.gov.in
National	National Institute of Disaster Management (NIDM)	nidm.gov.in

Key Acronyms

- **DDMA:** District Disaster Management Authority (the nodal agency at the district level).
- **DEOC:** District Emergency Operation Centre (the 24/7 hub for emergency coordination).
- **IRS:** Incident Response System (a systematic approach to managing disasters).
- **NDRF / SDRF:** National / State Disaster Response Force (specialised units for rescue and relief).
- **IDRN:** India Disaster Resource Network (a web-based inventory of emergency equipment and human resources).
- **EWS:** Early Warning System.
- **DRR:** Disaster Risk Reduction.
- **PMC:** Porbandar Municipal Corporation.

Primary Sources of Information

- **SACHET (National Disaster Alert Portal):** The primary portal for official warnings and real-time alerts from authorised sources like IMD and CWC.
- **NDMIS:** National Disaster Management Information System for tracking disaster data and reporting.
- **Bhuvan Portal (ISRO):** Provides satellite-based remote sensing data for flood mapping, cyclone monitoring, and damage assessment.
- **Municipal Disaster Management Plan (MDMP):** The comprehensive local guide for Porbandar Corporation Area, containing contact directories and SOPs.
- **District Disaster Management Plan (DDMP):** Local guide for Porbandar District, containing contact directories and SOPs.

- **GDACS:** The Global Disaster Awareness and Coordination System for international hazard alerts.

25. General Terminology Used in Weather Bulletin

Weather bulletins in India, particularly those from the India Meteorological Department (IMD), use standardised terminology to describe rainfall, wind, and warning levels. This ensures clarity for disaster management teams like the Porbandar Municipal Corporation. Rainfall is measured in millimetres (mm) over a 24-hour period. The following terms describe the expected amount:

Descriptive Term	Rainfall Amount (mm)
No Rain	0.0
Very Light Rain	0.1 to 2.4
Light Rain	2.5 to 7.5
Moderate Rain	7.6 to 34.9
Rather Heavy Rain	35.0 to 64.9
Heavy Rain	65.0 to 124.9
Very Heavy Rain	Exceeding 125.0
Exceptionally Heavy Rain	Amount near the highest recorded for that station

Colour-Coded Weather Warnings

The IMD uses four universal colour codes to indicate the level of risk and required response:

Green (All is Well)

No advisory is issued. Weather conditions are normal.

Yellow (Be Aware)

Indicates potentially bad weather that could worsen over several days, causing minor disruptions.

Orange (Be Prepared)

Warning for extremely bad weather. High risk of disruption to travel (road/rail) and power supply.

Red (Take Action)

Extremely bad weather that is certain to cause significant risk to life and property. Requires immediate action.

Cyclonic Disturbance Classifications

Cyclones are classified based on their maximum sustained wind speeds (measured in knots where 1 Knot = 1.85 kmph):

- **Low Pressure Area:** Less than 17 knots.
 - **Depression:** 17–27 knots.
 - **Deep Depression:** 28–33 knots.
 - **Cyclonic Storm:** 34–47 knots.
 - **Severe Cyclonic Storm:** 48–63 knots.
 - **Very Severe Cyclonic Storm:** 64–119 knots.
 - **Super Cyclonic Storm:** 120 knots and above.
-

PART 3 :

Contact Directory

Gujarat State's Administrative Emergency Contact Numbers

For state-level administrative and disaster-related emergencies in Gujarat, the primary centralized numbers are **1070** and **112**.

State-Level Emergency Helplines

These numbers connect directly to state authorities for rescue, relief, and general emergency coordination:

- **1070 (Toll-Free):** The dedicated helpline for the Commissioner of Rescue & Relief and the Gujarat State Disaster Management Authority (GSDMA).
- **101:** Dedicated to Local Fire Services.
- **112 (Universal Emergency):** The Jan Rakshak Project centralized number that integrates all services, including Police (100), Fire (101), and Ambulance (108).
- **1077 (District-Specific):** Used to reach the District Emergency Operations Centre (DEOC) for localized response within your specific district.

Emergency Operations Centers / Control Rooms

Sr.No.	EOCs/Control Rooms	Code	Contact Numbers
1	State Emergency Operation Center	079	23251900, 23251902, 23251908, F-23251916/12
2	Relief Commissioner	079	23251509, 23251506
3	Director of Relief	079	23251611, 23251912
4	CEO, GSDMA	079	23259276
5	Principal Secretary Revenue Department	079	23251501
6	Dy. Collector (SEOC)	079	23251900
7	Indian Meteorological Department, Ahmedabad	079	22865012, 22865449, 22865165, 22858020

Sr.No.	EOCs/Control Rooms	Code	Contact Numbers
8	Institute of Seismological Research (ISR), Gandhinagar	079	66739001, 66739028, 66739000
9	District Commandant, NDRF, Gandhinagar	—	9427304214
10	Control Room, NDRF 6th Battalion	—	9429469388
11	Major, Maratha Regiment Army, Jamnagar	—	8469800077, 8141153447

2. OFFICER'S CONTACT NUMBERS

No	Name	Designation	Department	Mobile Number
1	Hasmukh J. Prajapati	Municipal Commissioner	-	9978489945
2	Manan A. Chaturvedi	Deputy Municipal Commissioner	South Zone	9909950695
3	Harshkumar V. Patel	Deputy Municipal Commissioner	North Zone	9662662278
4	Jaydeepsinh J. Rana	City Engineer	Engineer	9426826828
5	Dr. Piyush C. Vaja	Medical Officer of Health	Birth / Death & Marriage Registration	9909989718
6	Aaditya Chudasama	Town Planner	Town Planning	-
7	Paresh Balas	PA to Commissioner	Administration	9978028788
8	Pradipbhai Thanki	Head Clerk	Administration	9426441978
9	Pushpaben Thakrar	HOD of Chhaya Branch	Chhaya Branch	9638364681
10	Aarif Sujela	Junior Town Planner	Town Planning	9924559446

No	Name	Designation	Department	Mobile Number
11	Mayur Odedra	Assistant Town Planner	Town Planning	9687842480
12	Jatin Kacchi	Assistant Town Planner	Town Planning	9106256629
13	Delawar Harun Sati	Veterinary Officer	Sanitation	8153881324
14	Mitesh Kotecha	Incharge House Tax Insp.	Establishment	9426950604
15	Nitin Devariya	Accountant	Account	9724853500
16	Ashok Shiyal	Incharge Senior Clerk	Establishment	9723154047
17	Niraj Kodyatar	Chief Auditor	Audit	9978881381
18	Ramesh Vandariya	I/c Market, Shop & Estate Insp.	Gumasta & Market	9898046680
19	Ashaben Postariya	Sub Registrar	Birth & Death	9723772973
20	Vivek Hodar	Nodal Offi. of E-Nagar Portal	Marriage Registration	7383666238
21	Nilesh Kadchha	Water Works Engineer	Water Works	9737348001
22	Ashvin Vadhiya	MIS/SBM	Sanitation	9033094750
23	Devang Radia	MIS/SBM	Engineer	8140220333
24	Jagdish Dhaki	Incharge Health Officer	Sanitation	9033869140
25	Aartiben Trivedi	Project Man. NULM	Samaj Sangathak	9724988822
26	Abhay Mehta	Incharge Fire Officer	Fire Services	6358318790

No	Name	Designation	Department	Mobile Number
27	Pratap Shiyal	Incharge Shop & Estate Insp.	Gumasta & Market	9723462262
28	Jatin Pithva	Store/Contingency Clerk	Store	8141015907
29	Ashok Shiyal	In. Senior Clerk	Establishment	9723154047
30	Jagdish Motivaras	Nagrik Suvidha Kendra	Nagrik Suvidha Kendra	9664600021
31	Madhusudan Dattani	Collection Clerk	Collection Department	9374070948
32	Kirit Kotiya	Elec. Mechanical Sup.	Electric	8733055718
33	Nilesh Kishor	Garden Clerk	Garden	9879166611
34	Pravinbhai Bokhiriya	Principal M.E.M. School	MEM School	9979712540
35	Raja Zalu	Incharge Bus Clerk/Electric	Electric	9099978399
36	Raj K Vadi	Civil Engineer	PMAY	9904676280

3. CONTROL ROOMS & ZONAL OFFICE CONTACT NUMBERS

DEOC, Porbandar Control Room

0286 2220800/801

Fire Control Room

0286 2249850

Dy. Municipal Commissioner North Zone

9662662278

Dy. Municipal Commissioner South Zone

9909950695

4. COMMUNITY LEADERS' CONTACT NUMBERS

Key Community & Social Organizations

SrNo	Key Community Leader	Address	Associated Organization	Contact No.	Service
1	Swami Atma Deepanand	Vivekanand Memorial, Bhojeswar Plot, Opp of Duleep Cricket School, Swami Vivekanand Marg, Porbandar	Shree Ram Krishna Mission	8200157228 T: 0286-2214677	Food Packet Distribution
2	Swami Bhanuprakash	Swaminarayan Gurukul, Chhaya, Porbandar	Swami Narayan Trust	9825230451	Disaster Relief Work
3	Shri Dipen Barai (President)	Natvarsinhji Club, Bhojeswar Plot, Porbandar	Rotary Club	9824498425	Food Packet Distribution
4	Shri Trilok Thakar	Near Public Peer, Dhobivad, Porbandar	Prem Harsh Manavta Trust	9426477455	Distribution of Disaster Relief Materials
5	Shri Bharatbhai Rajhani	2nd Floor, Amalani Complex, Near Porbandar Nagar Seva Sadan, Sheetal Chowk, Porbandar	District Chamber of Commerce	9825230051 T: 0286-2246374	Food Packet Distribution
6	Shri Akbar N. Sorathiya (Secretary)	Vyas Nivas Building, Opposite of Civil Hospital	Indian Red Cross Society, Porbandar	9998996939	First Aid Facilities

5. WARD WISE LIST OF CORPORATORS

Important Notice

The Elected Body Does Not Exist in the Porbandar Corporation Since Election for Local Body is Pending.

6. DETAILS AND CONTACTS OF LIAISON OFFICER

Liaison Type	Position	Contact No.
Overall Liaisoning	The Municipal Commissioner	9978489945
North Zone Liaisoning	Dy. Municipal Commissioner North Zone	9662662278
South Zone Liaisoning	Dy. Municipal Commissioner South Zone	9909950695

7. TALUKA LEVEL IMPORTANT CONTACTS

Porbandar Taluka

Sr. No	Designation	Code	Office	Mob.	Police Station	Email id
1	Prant Officer	0286	2220916	9978405359 7383683377	2240944/ 2210577 KirtiMandir, Porbandar & 2210622 Kamlabaug, Porbandar	po-por@gujarat.gov.in
2	Mamlatdar (Rural)		2220543	9099899778		mam-porbandar@gujarat.gov.in
3	Mamlatdar (City)		2245444	8511020020		mamcity.pbr@gmail.com
4	TDO		2242439/ 2210273	9427536308		tdo.porbandar01@gmail.com

Ranavav Taluka

Sr. No	Designation	Code	Office	Mob.	Police Station	Email id
1	Prant Officer	02801	260222	7567009703	230636, Ranavav	sdm-kut-por@gujarat.gov.in
2	Mamlatdar		230622	7567005338		mam-ranavav@gujarat.gov.in
3	TDO		230629	9898935694		tdo-ranavav@gujarat.gov.in
4	Chief Officer		230624	9909463555		np_ranavav@yahoo.co.in

Kutiyana Taluka

Sr. No	Designation	Code	Office	Mob.	Police Station	Email id
1	Prant Officer	02804	260222	7567009703	261222, Kutiyana	sdm-kut-por@gujarat.gov.in
2	Mamlatdar		261226	9979307163		mam-kutiyana@gujarat.gov.in
3	TDO		261229	9426582943		tdo-kutiyana@gujarat.gov.in
4	Chief Officer		261251	9824366279		np_kutiyana@yahoo.co.in

8. PORBANDAR MUNICIPAL CORPORATION OFFICER'S CONTACT NO.

SrNo	Designation	Office	Resi	Mobile	Fax	EmailId
1	Collector	2221800	2243801	9978406219	2222527	collector-por@gujarat.gov.in
2	Municipal Commissioner	2240936	-	9978489945	-	commissioner-pbrmc@gujarat.gov.in
3	S.P.	2211222	2211223	9978405079	2243015	sp-por@gujarat.gov.in
4	DDO	2243803	2212638	9978406244	2212477	ddo-por@gujarat.gov.in
5	Resident Additional Collector	2221085	2245801	9978405191	2222527	add-collector-por@gujarat.gov.in
6	Director, DRDA	2213736	-	9925017584	-	drda.por@gmail.com
7	DSO	2220070	-	9428522300	2220071	dso-por@gujarat.gov.in
8	Dy.DDO (Revenue)	2252806	-	8128953600	2212477	ddo-por@gujarat.gov.in
9	CDHO	2241134	-	8780334305	2242731	cdho.health.porbandar@gmail.com
10	DEO	2251350	-	9909970225	2253108	porbandardeo@gmail.com
11	DPEO	2252808	-	9909970225	2252808	dpeoporbandar@gmail.com
12	General Manager DIC	2222168	-	7096958566	2222169	gm-dic-por@gujarat.gov.in

SrNo	Designation	Office	Resi	Mobile	Fax	EmailId
13	Asst. Director of Information	2222470	-	9825263775	2222480	informationpor@gmail.com
14	Fire Officer	2249850	-	8306832283	-	Fire-pmc@gujarat.gov.in
15	Disaster Mamlatdar	2220800	-	9427062192	-	dismgmt-por@gujarat.gov.in
16	Disaster Dy.	2220800	-	9904035840	2220801	dismgmt-por@gujarat.gov.in
17	DPO(GSDM A)	2220800	-	8000256651	2220801	dismgmt-por@gujarat.gov.in
18	EME 108	-	-	9510887108 9710861108	-	jayeshgiri_goswami@emri.in

9. PORBANDAR MUNICIPAL CORPORATION POLICE DIRECTORY

Sr.no	Police Officer & Police Station	Contact No
1	The Supritendent of Police	99784 05079
2	Dy. Supritendent of Police City & H.Q	99090 36736
3	Dy. Supritendent of Police Rural	99784 07972
4	Kamla Baug Police Station	63596 28429/ 63596 25336
5	Kirti Mandir Police Station	63596 27157/ 63596 25060

Sr.no	Police Officer & Police Station	Contact No
6	Udhyog Nagar Police Station	63596 25873/ 63596 25363
7	Marine Harbour Police Station	63596 27134/ 63596 27143

10. WARD PRABHARI AND JOINT WARD PRABHARI

Important Notice

There is no Appointment on Such Posts in the Porbandar Municipal Corporation.

11. FIRE & EMERGENCY SERVICES DETAILS

SR NO	NAME	DESIGNATION	MOBILE NO
1	ABHAY JANAKRAJ MEHTA	FIRE WIRELESS OFFICER & I/C FIRE OFFICER	6358318790
2	DIVYESH MAHENDRABHAI BAMANIYA	FIRE CLERK	8128278930
3	RAJEEVKUMAR KARASAN BHAI GOHEL	LEADING FIREMAN	9558989101
4	JATIN RASIK CHAVDA	DRIVER CUM PUMP OPERATOR	7777947101
5	GAURAV BHIMJIBHAI BHADRECHA	FIRE MAN CUM DRIVER	8866236989
6	SURESH BHAI DHULABHAI RAJAT	FIRE MAN CUM DRIVER	9727421399
7	ANAND CHANDRAKANT KUNDALIYA	FIRE MAN CUM DRIVER	9879885544
8	ASHISH NANJI JOSHI	FIREMAN CUM DRIVER	8460502490
9	PRADIP BHAGABHAI CHAVDA	FIREMAN CUM DRIVER	9638273109

SR NO	NAME	DESIGNATION	MOBILE NO
10	ANIL MUNJA ODEDRA	FIREMAN CUM DRIVER	8999944009
11	PARASBHAI ISHVARBHAI CHAUDHARI	FIREMAN CUM DRIVER	6353336803
12	RAVIKUMAR GORDHANBHAI CHUDASAMA	FIREMAN CUM DRIVER	6353676220
13	ASHOK DEVABHAI PANDAVADRA	DRIVER	9712702001
14	DHIRAJLAL KARSHAN BHAI KOTIYA	FIREMAN	6354174404
15	PRAKASH VIJABHAI KOTIYA	RESCUER	7016556986
16	DHANRAJSINH DHARMENDRA SINH JETHWA	FIREMAN	8128792106
17	VIVEK GOPAL KOTIYA	BOAT DRIVER	8140371777
18	RANJIT KHIMABHAI ODEDRA	DRIVER	8469510012
19	DHIRU MANDA BHAI MORI	FIREMAN	6354188166
20	TEJAS DULABHAI MODHAVADIYA	RESCUER	8980186060
21	MERU KANA PARMAR	DRIVER	9429768455
22	MURU BHAI SUKABHAI KUCHHADIYA	HELPER	9510304834
23	HITESHBHAI DEVJIBHAI SHERAJI	RESCUER	9909023143
24	GOPAL BHAI NATHUBHAI KOTIYA	RESCUER	9601255108
25	AKILAMIN GAJJAN	MECHANICAL	9601065402

SR NO	NAME	DESIGNATION	MOBILE NO
26	KETAN JAMANBHAI BARIYA	DRIVER	7016743125
27	KANABHAI BHAGABHAI MORI	DRIVER	7990188090
28	VIRAMBHAI DEVSHIBHAI KARAVADRA	RESCUER	9510324606
29	BHARAT KUMAR HARJIBHAI PANJRI	FIREMAN CUM DRIVER	9723178478
30	JAYDIP LAKHABHAI MORI	FIREMAN CUM DRIVER	6352987232
31	JAYESH KESHAVBHAI KHORAVA	RESCUER	9904890299
32	GOPAL RAMJIBHAI KHORAVA	RESCUER	9825203471
33	BHARATGAR HIMATGAR RAMDATI	FIREMAN	9173769908
34	KANDHA UKA UKABHAI KESHAVALA	DRIVER	8980745689
35	BIRJU HARISH BHAI KUCHHDIYA	RESCUER	9558852152
36	HARISH PUNJA BHAI KUCHHDIYA	DRIVER	9558852152
37	SARMAN DEVA KUCHHADIYA	RESCUER	9998502168
38	ALI MUHMAND HALAIPOTRA	DRIVER	9265693383
39	RAMESH MAVJIBHAI SOLANKI	PEON	9228364528
40	SUBHASH ARSI ODEDARA	DRIVER	9662700027
41	HITESH BHAI MALDE BHAI MODHVADIYA	FIREMAN	9316068876
42	GANGABHAI ARJANBHAI ODEDRA	DRIVER	9712704881

SR NO	NAME	DESIGNATION	MOBILE NO
43	VIRAM BIHMABHAI SHAMLA	FIREMAN	7096404697

12. MUNICIPAL CORPORATION WARD WISE ENGINEERS DETAILS

Ward No.	Ward Engineer Name	Contact Details
1	Ramesh Khunti	9737300023
2	Rahul Singrakhiya	7990206632
3	Jasmin Parmar	9316625401
4	Vijay Hun	8905574040
5	Gautam Vaghela	9104361661
6	Gautam Vaghela	9104361661
7	Meet Odedara	8238590999
8	Meet Odedara	8238590999
9	Vijay Hun	8905574040
10	Jaimal Odedara	9913408840
11	Jaimal Odedara	9913408840
12	Pankaj Kodyatar	8487929925
13	Pankaj Kodyatar	8487929925

13. MUNICIPAL CORPORATION WARD WISE SOLID WASTE MANAGEMENT STAFF DETAILS

Ward No.	Sanitary Inspector Name	Contact Details
All Wards	Raiya D Mori	7624092221
All Wards	Arun P Maru	9714605107
12	Savan Makwana	9265346814
1	Navghan Ulva	8469060109
2	Jay Sundavadara	9512607712
3	Jaydip Gosai	8200977198
4	Nandlal Bamaniya	9510186729
5	Ashish Solanki	8780434230
6	Nikhil Modha	8160508182
7	Dinesh Sadiya	9081909542
8	Punit Shiyal	9979415195
9	Vanraaj Timba	9033380550
10	Ram Odedara	7990615704
11	Nilesh Parmar	7016889305
13	Paras Sondarva	6355764564

14. ICDS BRANCH

Sr. No.	Anganwadi Center Name	Area Name	Name (Worker/Helper)	Address
1	V.V. Bazaar-ZuriBaug	Zuribaug	Kargatiya Sonal	Paradise, Lane opposite Asha Hospital
2	Vankarvas-1	Vankarvas	Solanki Riddhi Hiteshbhai	PHC Center, Kadia Plot
3	Vankarvas-2	Vankarvas	Teraiya Sejalben Kishorbhai	PHC Center, Kadia Plot
4	Ambedkar Bhavan-1	Ambedkar Bhavan	Joshi Kiranben Chandulal	Near Ambedkar Bhavan, Kadia Plot
5	Ambedkar Bhavan-2	Ambedkar Bhavan	Surani Swatiben Ravindra	Near Ambedkar Bhavan, Kadia Plot
6	Mafatiyapara-1	Mafatiyapara	Disha Prafullbhai Jilka	Mafatiyapara, opposite the tracks
7	Mafatiyapara-2	Mafatiyapara	Ranavaya Rajal Rameshbhai	Mafatiyapara, Khadi area
8	Jundala-1	Jundala	Mehta Manishaben Jagdishbhai	Near Jundala Primary School
9	Jundala-2	Jundala	Shilu Ranjanben	Lane in front of the Primary School
10	Milpara-1	Milpara	Odedara Hiraben Lakhmanbhai	Near Tower, Milpara, Porbandar
11	Milpara-2	Milpara	Maru Ashaben	Lane opposite Pay Center Primary School, Kadia Plot
12	Paradise Zuribaug	Zuribaug	Joshi Bharti Kamleshbhai	Paradise, near Rabari Kela
13	Khadi Area	Khadi Area	Vacant	Khadi Area, Kadia Plot, Porbandar
14	Valmiki Vas	Valmiki Vas	Teraiya Urmilaben	Valmiki Vas, Kadia Plot, Porbandar

Sr. No.	Anganwadi Center Name	Area Name	Name (Worker/Helper)	Address
			Kishorbhai	
15	Kadia Vandi	Kadia Vandi	Nayanaben Lakhani	Beside Kadia Vandi, Porbandar
16	Bal-Kridangan-1	Bal-Kridangan	Bharti Naresh Chavda	Lane opposite Nag Bapa Temple, Street No. 4
17	Bal-Kridangan-2	Bal-Kridangan	Dodiya Kiranben	Lane opposite Nag Bapa Temple, Street No. 4
18	Patel Mill	Patel Mill	Pankhaniya Ramaben Ashokbhai	Patel Mill, Kadia Plot, Porbandar
19	Khada Vistar-1	Khada Vistar	Thanki Shobhana Nathalal	Avadhpuri Society, Shiv Shakti Kamlabaug
20	Khada Vistar-2	Khada Vistar	Atara Meghnaben Nitinchandra	Behind Mahakaleshwar Temple
21	Khada Vistar-3	Khada Vistar	Jayshreeben Miteshbhai	Above Panchayat Chowki
22	Panchvati Society	Panchvati Society	Kedar Amrapali Tulshiram	Panchvati Society, Porbandar
23	Bird Sanctuary	Bird Sanctuary	Hodar Jignaben Dipakbhai	Near Bird Sanctuary Petrol Pump, Porbandar
24	Khodiyar Society	Khodiyar Society	Jethva Khamaba Dilipsinh	Khodiyar Society, Porbandar
25	Zuribaug-1	Zuribaug	Joshi Sapna Jagdishbhai	Housing Board Colony, Birla Road
26	Zuribaug-2	Zuribaug	Parmar Sonal	Zuribaug, Street No. 11
27	Zuribaug-3	Zuribaug	Daxaben R. Gosai	Zuribaug, Street No. 5
28	Zuribaug-4	Zuribaug	Lodhari Diptiben	Near Pagabapa Ashram

Sr. No.	Anganwadi Center Name	Area Name	Name (Worker/Helper)	Address
29	State Library-1	State Library	Parmar Gitaben Jitendrabhai	Behind State Library
30	State Library-2	State Library	Selet Bhavanaben	Behind State Library
31	Vandri Chowk-1	Vandri Chowk	Baridun Laxmi Chagan	Kharvawad, lane above Kharva Panchayat Temple
32	Vandri Chowk-2	Vandri Chowk	Modi Hanshaben Maheshbhai	Kharvawad, above Palana Chowk
33	Bandar Road-1	Bandar Road	Jogeshwari Pravin Sikotra	Kharvawad, near Khari Masjid
34	Bandar Road-2	Bandar Road	Jangi Hansaben Kanjibhai	Bhoiwada, Bandar Road, Kharvawad
35	Virdi Plot-1	Virdi Plot	Badarshahi Artiben Dhanjibhai	Shitala Chowk, Royal Hospital lane
36	Virdi Plot-2	Virdi Plot	Shingarakiya Nanduben Hiteshbhai	Shitala Chowk, near Vankar Vas Memon shop
37	Holi Chakla-1	Holi Chakla	Bhavna Devji Lodhari	Near Jumma Masjid, Manek Chowk
38	Holi Chakla-2	Holi Chakla	Hodar Lalita Vinod	Kharvawad, near Holi Chakla Well lane
39	Garbi Chowk-1	Garbi Chowk	Soneri Prafullaben Rameshbhai	Kharvawad, near Garbi Chowk Shahid Chowk Bal Mandir
40	Garbi Chowk-2	Garbi Chowk	Jangi Krutika Maheshbhai	Kharvawad, near Garbi Chowk Shahid Chowk Bal Mandir
41	Panch Hatdi	Panch Hatdi	Bharda Dinaben Pravinbhai	Kharvawad, in Laxmi Pan lane
42	Lakhani Faliyu	Lakhani	Ladhari Vasanti	Damodar Amichand lane, near

Sr. No.	Anganwadi Center Name	Area Name	Name (Worker/Helper)	Address
		Faliyu		Gopinath Haveli
43	Vankarvas Bokhira	Vankarvas Bokhira	Ramiben Makwana	Behind Jashuben's Clinic
44	Tumbada-1	Tumbada	Vacant	Behind Hanuman Temple, Bokhira Tumbada
45	Tumbada-2	Tumbada	Lila Shardaben Murubhai	Near Hanuman Temple, Tumbada
46	Bokhira-1	Bokhira	Shantiben Baleja	Panchayat Office, Bava Faliyu, Bokhira
47	Bokhira-2	Bokhira	Santokben Odedara	Near Shankar Temple, Phulwadi, Bokhira
48	Bokhira-3	Bokhira	Laxmiben Katara	Beside Maruti Dairy, Bokhira
49	Bokhira-4	Bokhira	Jayaben Jaymalbhai Modhwadiya	Near Bokhira Bus Station Chora, Bokhira
50	Jubeli-1	Jubeli	Thanki Vandanaben	Khapat Road, Om Nagar lane, Jubeli
51	Jubeli-2	Jubeli	Vadhia Parvatiben	Beside Shankar Temple, Jubeli
52	Jubeli-3	Jubeli	Keshvala Shanti	Beside Ramdevpir Gate, Khodiyar Krupa, Jubeli
53	Jubeli-4	Jubeli	Nutan Jivabhai Odedara	Beside Gurukul Gate, Jubeli
54	Jubeli-5	Jubeli	Mokariya Hetalben Rameshbhai	Opposite Sati Ai Temple, Jubeli
55	Khapat-1	Khapat	Punamben Manubhai Sankhat	Near Rokadiya Hanuman Temple
56	Khapat-2	Khapat	Somiya Shantiben	Khapat Primary School Ground

Sr. No.	Anganwadi Center Name	Area Name	Name (Worker/Helper)	Address
			Harishbhai	
57	Khapat-3	Khapat	Goswami Falguniben Kailashgiri	Ratada Seem Shala Road, Khapat
58	Khapat-4	Khapat	Odedara Gitaben Ranabhai	Khapat Primary School Ground
59	Khapat-5	Khapat	Chudasama Shobhanaben Sanjaybhai	Shreeji Dham Society-2, Khapat Village
60	Subhashnagar-1	Subhashnagar	Khetarpal Punita	Opposite Anand Hall, Subhashnagar
61	Subhashnagar-2	Subhashnagar	Kishor Asmita	Old Bal Mandir, opposite Anand Hall
62	Subhashnagar-3	Subhashnagar	Minakshiben Jebar	Mavji Dis lane, Subhashnagar
63	Navo Kumbharvado	Navo Kumbharvado	Bagiya Nayanaben Mukeshbhai	Street No. 30, Navo Kumbharvado
64	Juno Kumbharvado	Juno Kumbharvado	Takochiya Nehal	Thakkar Plot, opposite SBI Bank, Juno Kumbharvado
65	Virdi Plot	Virdi Plot	Bhutiya Valiben	Opposite Bharat Marble, Virdi Plot
66	Navi Khadpith	Navi Khadpith	Vacant	Beside Manjula Gau-shala, Navi Khadpith
67	Chunani Bhathi	Chunani Bhathi	Motivaras Asha Arvindbhai	Chunani Bhathi Vebrick lane, opposite Petrol Pump lane
68	Modi Plot-1	Modi Plot	Parmar Harshaben Harishbhai	Vankar Vas, beside Memon shop
69	Modi Plot-2	Modi Plot	Minakshiben Dhakecha	Beside Memon shop

Sr. No.	Anganwadi Center Name	Area Name	Name (Worker/Helper)	Address
70	Sadhana Studio	Sadhana Studio	Vadher Divyaben Vishalbhai	Adenwala Building, Kolivada
71	Zavar-2	Zavar	Vaja Shobha Harishbhai	Beside Primary School, Zavar
72	Zavar-3	Zavar	Dodiya Kanchanben	Zavar, in Water Tank lane

15. SHELTER DETAILS

SR NO.	SHELTER NAME	ADDRESS	Name of the Manager	Principal/Manager Contact No
1	Jhundala Khadpith area and Bay area	Jhundala Primary School, Joshi School, Jhundala	Mrs. Manjulaben Vejabhai Bapodara	9978203399
2	New Kumbharwada, Bay Area	Kumbharwada Primary School, Daraniya Road	Mrs. Pratikshaben Narandas Shingala	6353134052
3	New Kumbharwada area	Sharada Mandir Primary School	Shri Deepakbhai Joshi	9879840962
4	Area around Curly Pool	M.K. Gandhi School (M.E.M. School Compound) Kamalbagh	Shri Chanakya Bhai	9328088237
5	Area around Curley Pool	Leuva Patel Samaj Trust, road leading towards Birla	Mr. Rajubhai Trivedi	9106941533
6	Riverfront and surrounding bay area	Govindji Dayalal Lakhani Primary School	Shri Bharatbhai Sutreja	9925103030
7	VV market	Late Vasanji Kheraj Primary School	Shri Tirthabhai Vikrambhai Kargathiya	9428015284
8	Jhundala Khadpith	Bardai Brahmin Vidyotejak	Mr. Shaileshbhai Joshi	94261 67265

SR NO.	SHELTER NAME	ADDRESS	Name of the Manager	Principal/Manager Contact No
	area	Yuvak Mandal-Jhundala		
9	Jundala area	Meher Samaj, Jhundala	Shri Maldebhai	9429321034
10	Kadiya plot area	Dr. Ambedkar Bhavan	Mr. Kaushikbhai Jhala / Shri Rajubhai Dhankecha	9106643634 / 9316688445
11	Kadia Plot, Kamdar Chowk Area	Kamdar Chowk Primary School Kadia Plot, Kamdar Chowk	Shri Niravbhai Joshi	9428086626 / 8200054065
12	Virdi plot	Branch School	Mrs. Shobhanaben Makwana	9879770384
13	New Khadpith area	Lohana Mahajan Wadi	Mr. Rajubhai Kanani	8511479967
14	Bokhira area	Bokhira Girls' School	Mr. Vatsalbhai Dave	9426021488
15	Bokhira area	Meher Samaj Wadi, Bokhira	Mr. Meramanbhai	7874091851
16	Khapat area	Khapat pay. Center School	Mr. Miteshbhai	9924859591
17	Subhashnagar area	Subhashnagar Primary School	Mr. Saurabhbhai	9723836246
18	Subhashnagar area	Subhashnagar, Anandhall	Mr. Mahendrabhai	7984456948
19	Zavar	Zavar Primary School, Main Road, Next to Office	Mr. Miteshbhai	7046140104
21	Behind Firebrigade Office	Sarvodaya Gym Center	Mr. Ashishbhai	9727795050
22	Jubilee area	Jubilee Kumar School, Jubilee	Shri Jaibhai Modha	9276507588
23		Vanjha darji Samaj,	Mr. Bipinbhai	9081707012

16. KEY NGOs

SrNo.	Name of NGOs	Address	Contact person	Contact no	Service
1	Shree Ram Krishna mission	Vivekanand memorial, Bhojeswarplot, Opp of Duleep cricket school, Swami Vivekanand Marg, Porbandar	Swami Atma Deepanand	8200157228 T: 0286-2214677	Food packet distribution
2	Swami Narayan Trust	Swaminarayan Gurukul, Chhaya, Porbandar	Swami Bhanuprakash	9825230451	Disaster relief work
3	Rotary club	Natvarsinhji club, Bhojeswar plot, Porbandar	Shri Dipen Barai (President)	9824498425	Food packet distribution
4	Prem Harsh Manavta Trust	Near Public Peer, Dhobi vad, Porbandar	Shri Trilok Thakar	9426477455	Distribution of disaster relief materials
5	District Chamber of commerce	2nd floor, Amalani complex, Near Porbandar Nagar seva sadan, Sheetala chowk, Porbandar	Shri Bharatbhai Rajhani	9825230051 T: 0286-2246374	Food packet distribution
6	Indian Red Cross Society, Porbandar	Vyas Nivas building, Opposite of Civil hospital	Shri Akbar N. Sorathiya (secretary)	9998996939	First aid facilities

17. TRAINED APDA MITRA VOLUNTEERS

Sr.No.	Name	Taluka/district level	Mobile no
1	Shyam Rajshi Bagiya	Porbandar taluka	95585 89893
2	Vivek Gopalbhai Kotia	Porbandar taluka	81403 71777
3	Kodiyatar Kana sarman	Porbandar taluka	99252 29935
4	Parmar Pratap dudabhai	Porbandar taluka	9979757654
5	Agath Mayur Laxman	Porbandar taluka	8264177059
6	Daki Lakhman Virambhai	Porbandar taluka	8264408102
7	Kubavat Kishan Pravin	Ranavav taluka	9574787547
8	Dodiya Sanjay devji	Ranavav taluka	99139 62253
9	Vala Manish Rameshbhai	Kutiyana taluka	7096203023
10	Chudasama Pankaj Rameshbhai	Kutiyana taluka	8980197506
11	Chudasama Bhavesh Rameshbhai	Kutiyana taluka	8141916511
12	Kasta Abhay Mahileshbhai	Porbandar dist.	8320443399
13	Kotia Jay kanjibhai	Porbandar dist.	8866649252
14	Motivaras Jay Pravin	Porbandar dist.	8530593776
15	Ankit L. Soneri	Porbandar dist.	8140982575
16	Akshay Mayurbhai Raninga	Porbandar dist.	8460820850
17	Keban B. Machhvara	Porbandar dist.	8320266608

Sr.No.	Name	Taluka/district level	Mobile no
18	Ajay Suresh Postariya	Porbandar taluka	8758030042
19	Nileshbhai Vaja	Porbandar taluka	7048702770
20	Rameshbhai Kamalpara	Porbandar taluka	9157144423
21	Nandaniya arjan bhaik	Porbandar taluka	8128656110
22	Sati akbar iqbal	Porbandar taluka	7567606884
23	Kachchhi irainiz shamsuddin	Porbandar taluka	9033591925
24	Dodiya amitbhai	Porbandar taluka	8141912939
25	Vala gautam govindbhai	Porbandar taluka	8000256651
26	Bhanvadiya ramjan zulfikar	Porbandar taluka	9428252174
27	Kachchhi ashish shamsuddin	Porbandar taluka	9724421020
28	Khakhas keval jethabhai	Porbandar taluka	8200077097
29	Chavda nikhil rambhai	Porbandar taluka	9016371772
30	Chavda kumaar rambhai	Porbandar taluka	8155089594
31	Odedara vijay ram	Porbandar taluka	9898682010
32	Dodiya amitbhai	Kutiyana taluka	613433094617

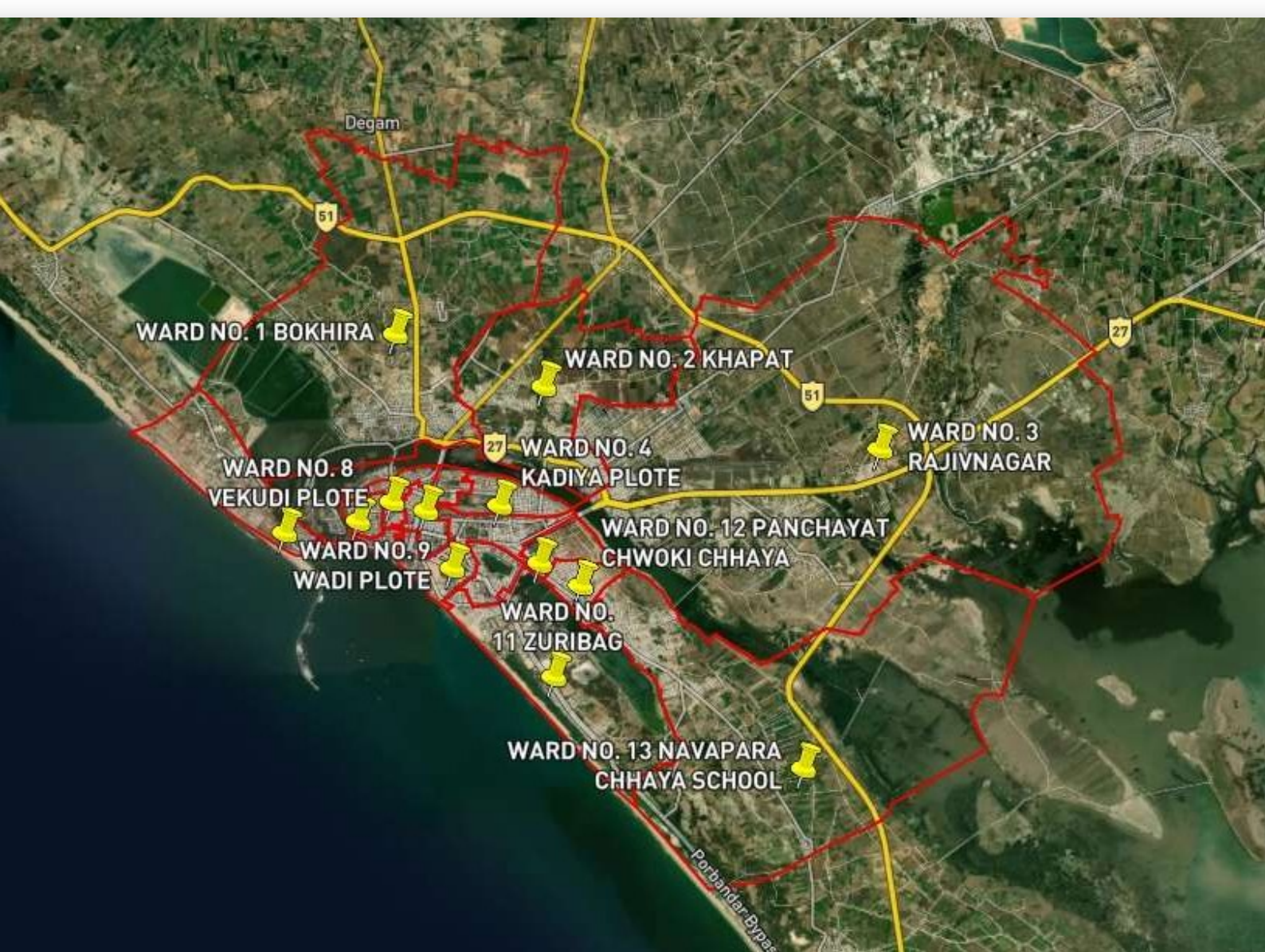
18. TRAINED SWIMMERS

Sr No.	Taluka name	Swimmer's name	Address	Mobile no
1	Porbandar	Amit Bhiku Kankiya	Navibandar	9925250911
2	Porbandar	Sanjay Dhanji Salet (President, Navibandar Machhimar Association)	Navibandar	9714174557
3	Porbandar	Naresh Premji Salet	Navibandar	9998589120
4	Porbandar	Vinod Velji Chauhan	Navibandar	9662243266
5	Porbandar	Vikhu Rama Parmar	Miyani	8758209339
6	Porbandar	Dhanji Narshi Parmar	Miyani	9979775371
7	Porbandar	Nilesh Gopal Parmar	Miyani	9979551672
8	Porbandar	Dhelu Velji Parmar	Miyani	9904649537
9	Porbandar	Pathan Imtiazbhai (President, Madhapur Machhimar Association)	Madhavpur	9879898247
10	Porbandar	Yakub Mamod Lakhpati (Member, Madhapur Machhimar Association)	Madhapur	9099542774
11	Porbandar	Ibrahim Jusab Lakhpati	Madhapur	9924765130
12	Porbandar	Fakira Hasam Isbani	Madhapur	8153951544
13	Porbandar	Abdulsuleman Isbani	Madhapur	9409615386
14	Porbandar	Ibrahim Dawood Isbani	Madhapur	9016353453

PART 4: MAPS

Map 1: City Political Map (Election Ward Boundary)

Comprehensive ward demarcation showing all election ward boundaries with numbering system. Includes ward corporator information overlay and population density indicators.

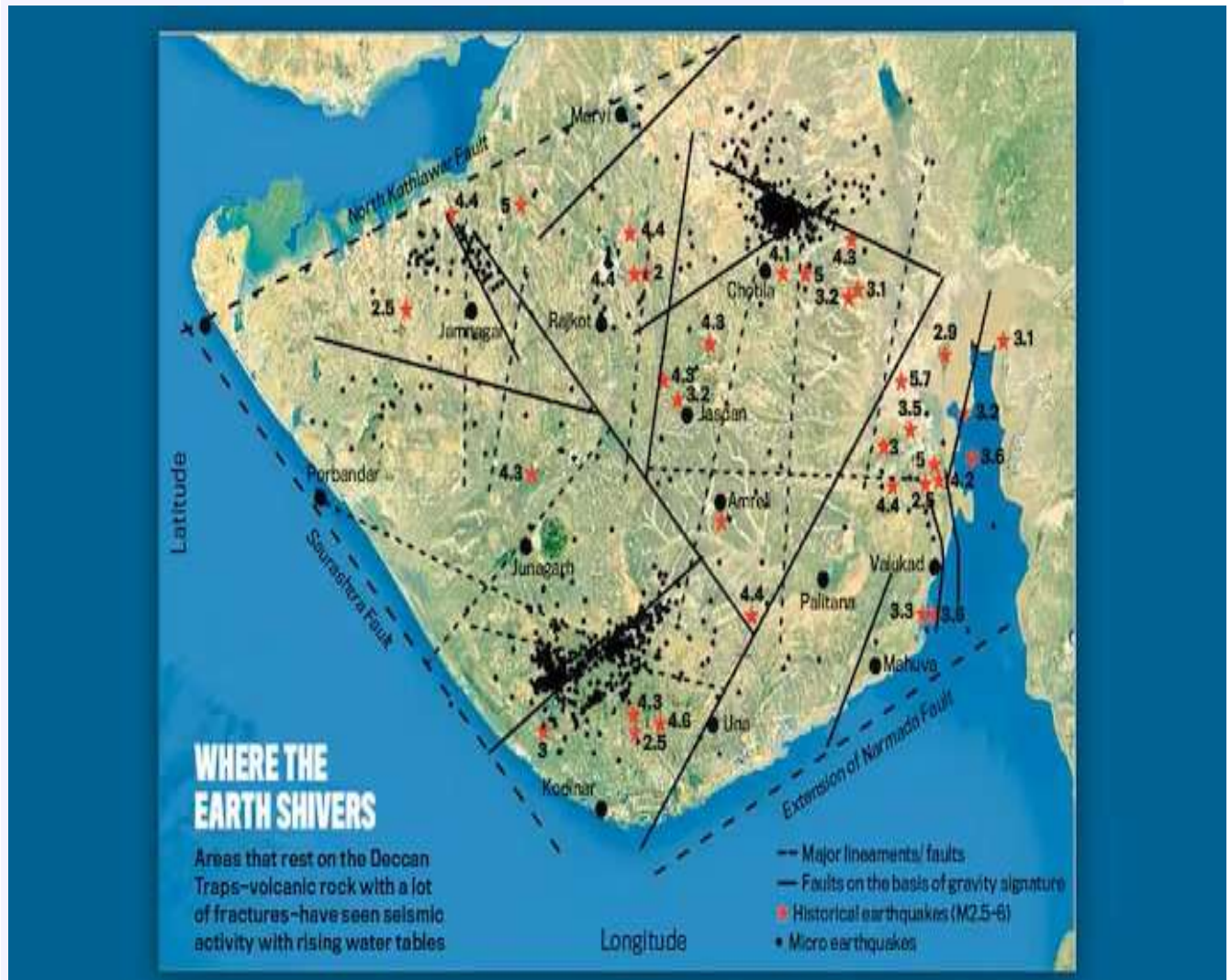


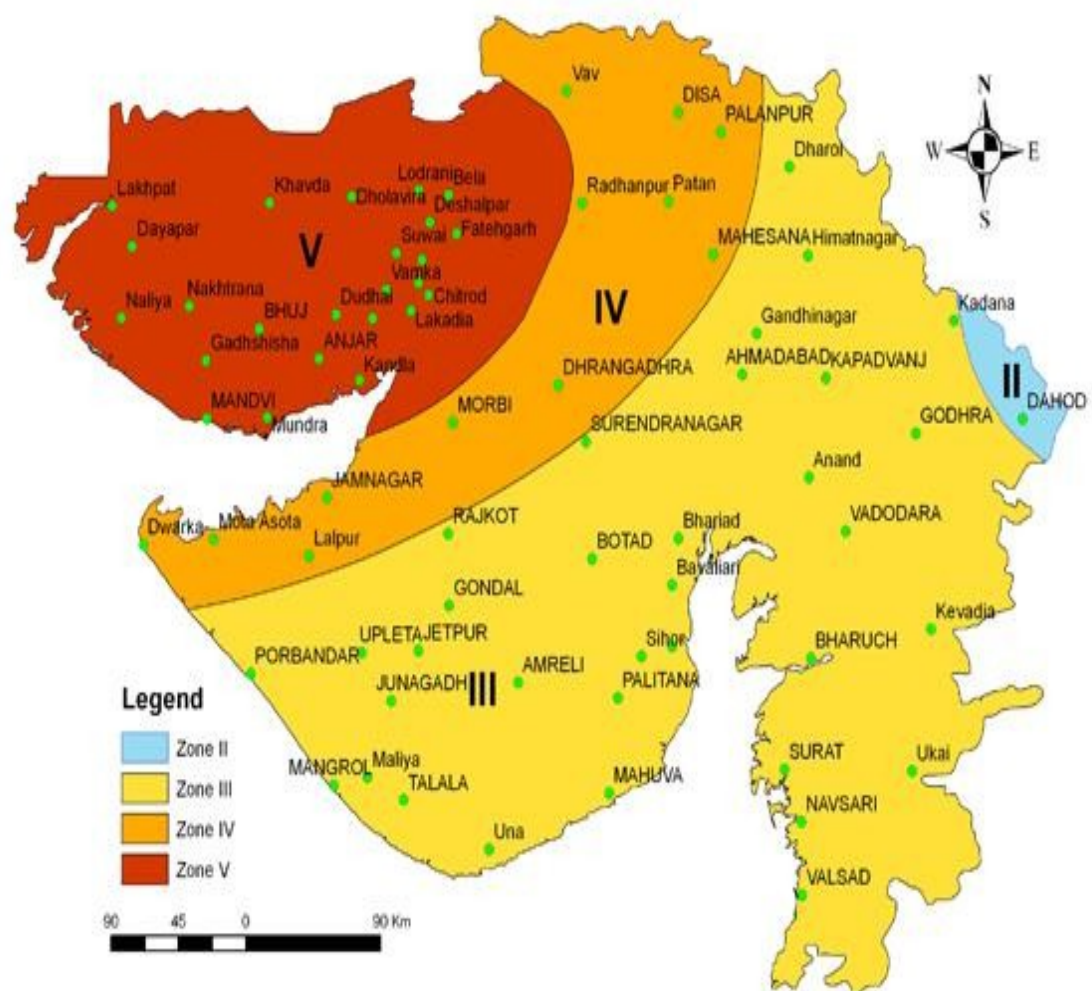
Map 2: City Map showing Roads, Rail network, River and Lake

Transportation and water body infrastructure map. National and state highways, major district roads, railway lines and stations, navigable waterways, lakes and reservoirs with full geographic reference.

Map 3: Hazard Map (Earthquake Fault Lines for Saurashtra)

Seismic hazard delineation showing known fault lines in Saurashtra region, seismic zone classification, soil liquefaction potential areas, and building vulnerability categories.





Map 4: Risk Map (Irrigation Dams and Water Body)

Flood risk visualization with irrigation dam locations, command areas, water body extents, flood-prone zones, inundation history, and critical infrastructure in risk areas.

