

Ganpati Utsav 2025

Nashik City AI-Enabled Bandobast Plan

Safe Ganpati • Smart Ganpati

 August 27 - September 7, 2025
 Nashik City Police & AI Labs Team

ॐ Festival Context

Aug 27

Opening Day



Sep 2

Gauri Visarjan + Eid Overlap



Sep 7

Anant Chaturdashi + Sunday



790

Public Mandals

1.25L

Household Ganpatis

15K+

Peak Day Crowd



Historical Trends (2015-2024)

Growth Pattern



Mandal Growth Chart
2015: 67 → 2024: 61 (Panchavati PS)
Household: 9,000 → 23,000

Critical Incidents

Year	Incidents	Type
2017	2	Drowning
2019	1	Drowning
2023	4	Drowning
2022	1	Assault



2025 Mandal Distribution

201

Large Mandals

562

Small Mandals

35

Valuable Mandals

Bhadrakali PS

Peak Crowd: 8-10K
Ghat: Godaghat, Ramkund

Panchavati PS

Peak Crowd: 15K+
Ghat: Kapila Sangam

Nashik Road PS

Peak Crowd: 5-6K
Ghat: Valdevi River

Adgaon PS

Peak Crowd: 3-4K
Ghat: Pajhar Lake



Daily Crowd Forecast

Date	Day	City Crowd	Bhadrakali Peak	Risk Level
Aug 27	Wed	High	5-7K	High
Aug 30	Sat	High	6-8K	High
Sep 2	Tue	High	7-9K	High
Sep 7	Sun	Peak	8-10K	Very High



Critical Alert Days

- September 2: Gauri Visarjan + Eid-e-Milad overlap
- September 7: Anant Chaturdashi + Sunday crowd surge



Immersion Ghats Overview

 Nashik City Immersion Points Map
[Godaghat • Ramkund • Kapila Sangam • Valdevi • Pajhar Lake • Nasardi]



Godaghat (Bhadrakali)
Capacity: 8K | Expected: 10K



Ramkund (Panchavati)
Capacity: 12K | Expected: 15K



Valdevi (Nashik Road)
Capacity: 5K | Expected: 6K



Bhadrakali PS - Operational Playbook

Mandal Distribution

45

Large Mandals

9K

Household Ganpatis

Key Points:

- Mandai, Phule Market
- CBS Chowk, Dwarka Circle
- Peak: 8-10K (3-9 PM)

Route Map:

Mandai → CBS → Godaghat
Tilakwadi → Dwarka → Ramkund

Emergency Readiness:

- 2 ALS Ambulances
- 1 Fire Tender
- Lifeguards + Boats



Panchavati PS - Critical Zone

Highest Density Zone

29

Total Mandals

15K+

Peak Crowd

Risk History:

- 2017: 2 drowning incidents
- 2023: 4 drowning incidents
- 2018: Crowd disturbance



Immersion Points:
Godaghat • Kapila Sangam
Talkuteshwar • Ramkund

Special Measures:

- 3 Boats + 20 Lifeguards
- 2 ALS Ambulances
- SRPF Deployment



Police Station Network

Adgaon PS

- 📍 Pajhar Lake immersion
- 👥 3-4K peak crowd
- 🚩 Highway-side mandals

Nashik Road PS

- 📍 Valdevi/Darana Rivers
- 👥 5-6K peak (11:30 AM-2 PM)
- 🚩 Bytco Chowk traffic hub

Satpur PS

- 📍 Nasardi River sites
- 👥 2-3K moderate density
- 🚩 Industrial estate mandals

Ambad PS

- 📍 Trimurti Lake/Nasardi
- 👥 2-3K moderate density
- 🚩 Trimurti Chowk congestion



Traffic Management Strategy



Traffic Flow Diagram



Open Routes •



Restricted Zones •



Diversion Points

Key Corridors: CBS-Godaghat • Bytco-Jail Road • Mumbai Naka-Dwarka



One-way loops near ghats



Emergency lanes marked



Heavy vehicle diversions



Ambulance corridors



Manpower Deployment Matrix

Police Station	Officers	Men	Women	Home Guards	Volunteers
Bhadrakali PS	6	105	37	85	115
Panchavati PS	8	130	37	95	130
Nashik Road PS	6	95	30	75	95
Adgaon PS	5	85	26	65	85

2500+

Total Personnel

12

Police Stations

24/7

Coverage



AI & Technology in Bandobast



CCTV Grid

Strategic ghat monitoring



Drone Coverage

Aerial crowd scanning



QR Route Maps

Digital mandal guidance



AI Predictions

Crowd density forecasts



Smart Control Dashboard

Real-time crowd monitoring • Traffic flow analysis • Incident alerts
WhatsApp helpline integration • Emergency response coordination



Risk Assessment & Mitigation

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Drowning Risk
Lifeguards + Boats deployed



Flood Alert
Dam release monitoring



Traffic Gridlock
Diversion plans activated



Communal Harmony
Eid overlap management



Trigger Points

- 24hr rain > 100mm → Flood Watch
- Gangapur dam release > 25,000 cusecs → Bridge closure
- Crowd density > 120% capacity → Emergency protocols



Emergency Response Chain



Medical Response
ALS Ambulances at ghats



Fire Safety
Fire tenders positioned



Water Rescue
Trained lifeguards + boats



Quick Response
QRT/SRPF units



Community Partnership

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Digital Innovation

- QR Code Demo
- Scan → Route Map
- Immersion Timing
- Emergency Contacts

Volunteer Network

500+

Trained Volunteers

790

Mandal Coordinators



Peace Committees



WhatsApp Helpline



Public Awareness



NGO Partnership



AI-Powered Smart Policing



AI Control Dashboard

Predictive Analytics • Real-time Monitoring • Automated Alerts
Crowd Flow Optimization • Resource Deployment AI



Predictive Models
Crowd density forecasting



Smart Deployment
AI-optimized manpower



Real-time Analytics
Live situation awareness



Future Vision

Smart City Control Centre • IoT Integration • Automated Response Systems



Weather Risk Management

Historical Weather Impact

Year	Rainfall (mm)	Impact
2015	429	Minimal
2016	800	Severe flooding
2019	1731	Highest ever

2025 Preparedness



Dam Monitoring
25K cusecs trigger



Rain Alert
100mm/24hr threshold

Weather Protocol: Real-time monitoring • Bridge closure alerts • Evacuation procedures

🎯 Expected Benefits & Outcomes



Safer Festival

- Reduced drowning incidents
- Better crowd management
- Faster emergency response



Efficient Operations

- AI-optimized deployment
- Real-time coordination
- Data-driven decisions



Better Experience

- Smooth traffic flow
- Digital guidance
- Community engagement



Smart Policing

- Technology integration
- Predictive capabilities
- Future-ready systems

Zero

Target Incidents

100%

Coverage

24/7

Monitoring



Implementation Roadmap

Pre-Festival

- Manpower briefing
- Tech system testing
- Route marking

Aug 27-31

- Opening phase
- System monitoring
- Weekend crowds

Sep 1-6

- Mid-festival ops
- Eid coordination
- Risk monitoring

Sep 7

- Peak day ops
- All hands deployment
- Emergency standby

🎯 Success Metrics

- Zero drowning incidents
- Smooth traffic flow
- Zero communal incidents
- 95% public satisfaction



Safe Ganpati

Smart Ganpati 2025



AI-Powered Bandobast



Professional Policing



Community Partnership



Zero Incident Target

Ganpati Bappa Morya!

Nashik City Police & AI Labs Team