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CHENNAI

A Monthly Newsletter by the Greater Chennai Corporation

CORPORATION OF CHENNAI

CHENNAI SMART CITY LIMITED

📍ICCC, Greater Chennai Corporation

Inside this issue

Chennai bags 'Gold' for Restoring the Waterbodies

Chennai received the award for restoring the waterbodies under the Best Water and Sanitation Initiative of the year at the Global Smart Cities Summit, 2020.

Ensuring the Safety of Citizens with Technology-driven support

50 smart poles, 55 flood sensors and cameras, 100 surveillance cameras installed across the city.

The Integrated Command and Control Center
(ICCC) - A 24*7 Support System

Greater Chennai Corporation (GCC), under the Smart City Mission has taken up the Integrated Command and Control Center Project to provide real-time smart solutions for quicker services in the city. It aims at integrating essential government services and enabling data-based decision making.

FROM THE COMMISSIONER'S DESK

G PRAKASH IAS

Dear Readers

It gives me immense pleasure to bring to you the first issue of Greater Chennai Corporation's newsletter, 'Namma Chennai'.

The Greater Chennai Corporation and Chennai Smart City Limited have been making big strides in the sustainable and holistic development of Chennai. Cutting across varied sectors such as health, education, environment, water resource management, sanitation, civic infrastructure and others, GCC has ensured that all essential services and facilities are delivered to the people in the most efficient and effective manner.

However, the information, education, and awareness about the various projects and activities of GCC and CSCL need to reach a wider audience including citizens, civil society organisations, and policy influencers. This monthly newsletter would be an effective communication tool to create awareness about the various projects and also act as a medium to share the best practices and case studies with you, Chennaiites.

'Namma Chennai' highlights the latest projects, developments, and happenings at GCC and CSCL, capturing its outstanding achievements. It will also provide key awareness material for citizens to access various facilities and schemes of the Corporation.

This issue focuses on interventions and services of the state-of-the-art Integrated Command and Control Center. It highlights how technology is used to derive smart solutions for easy and effective monitoring for quicker actions and better services to the citizens of Chennai.

Greater Chennai Corporation with a population of over 80 lakhs and ever-growing, became one of the first municipal bodies to take citizen services online. With rapid industrialization and economic growth, the Corporation has taken up many projects to leverage the city's position as a growth propeller. One amongst them is IT-enabled services for citizens and businesses alike. Poised to take off as one of the top 20 Smart City Missions in India, there was an imminent need to create an IT backbone for administrative purposes as well. With this motive of integrating the various functionalities of the Greater Chennai Corporation, CSCL has set up the Integrated Command and Control Center. With advancements like the ICCC, Chennai is poised to take off on a completely different growth trajectory.

Hope the readers find these data stories and reports interesting and informative. Your continued patronage and support will alone ensure the success of this endeavour. As with all our initiatives, even this newsletter is **#HereToServe.**

Commissioner - GCC & Chairman - Chennai Smart City

Facts

1

50 Smart Poles

have been installed across the city equipped with environment sensors, smart lights, emergency call button, public WiFi and public address system.

2

55 Locations

across the city are installed with flood sensors and flood cameras and 30 locations with rain gauges to detect potential flooding and amount of rainfall respectively.

3

113 Waterbodies

in dilapidated condition have been restored and rejuvenated. 62 more water bodies are under the process of rejuvenation.

GCC plans to restore

50,18,385 sq.m.

area of waterbodies

Chennai bags 'Gold' for Restoring the Waterbodies

Global Smart Cities Awards

In recognition of the new ground-level innovative ideas being implemented by the Indian Smart Cities, the Global Smart Cities Forum 2020 awarded the top-performing cities on different parameters, during the virtual summit organized between November 27 and 28, 2020. The programme was an initiative by ETGovernment.com. Chennai received the award for restoring the waterbodies under the best water and sanitation initiative of the year under the Urban Infrastructure parameter. The other key parameters were Technology for Cities, Future of Mobility, Community Development and Operations.

On receiving the award, the CEO of Chennai Smart City Limited Mr. Raj Cherubal shared, "This is a great recognition for us. Many other cities have competed for this award in various categories. We feel very proud to be receiving this award."

2nd edition VIRTUAL EVENT
#ETGSCF
Quantela
Presents
ETGovernment.com
GLOBAL SMART CITIES FORUM 2020
CONFERENCE | AWARDS | EXPO
NOVEMBER 27-28, 2020

GOLD WINNER
ANNUAL SMART CITIES AWARDS
Best Water & Sanitation Initiative of the Year
Chennai Smart City Limited
Restoration of Waterbodies

Anai Lake, Zone 14

After

Before

The Integrated Command and Control Center (ICCC) set up at the Ripon Buildings, would integrate and transfer the data transmitted from the on field devices monitoring the city, to the city officials for taking necessary actions on the issues captured by these devices. Location specific interventions through live monitoring enable to transform the existing infrastructure of the city.

Some of the important facilities that Chennai Smart City keenly focuses on would include adequate water supply, assured electricity supply, sanitation including solid waste management, efficient urban mobility and public transport, robust IT connectivity and digitalization, e-Governance, sustainable environment, safety and security of citizens, particularly women, children and the elderly.

The Mobile Command and Control Center (MC & CC) was launched recently. MC & CC is a vehicle-based command and control solution, which allows a user to monitor and respond to a crisis, close to the flashpoint as safely as possible.

The Mobile Command and Control Center

The outstanding feature of the MC & CC solution is its mobility. It can quickly and easily locate itself close to the identified surveillance areas, thus optimizing the ability of the user to react to the situation. During the recent rains, the MC & CC served as a saviour quickening the action process enabling us to efficiently manage the floods.

Functions of the Integrated Command and Control Center (ICCC)

Smart Pole at GCC

Disaster Management System

This system will provide alerts of extreme weather. This would be helpful to take precautionary measures during the crisis.

City Surveillance System

The video surveillance data from various cameras deployed will be stored and closely monitored at the Command and Control Center to ensure swift action in case of emergency providing a safe environment to the public.

Environmental sensors and weather monitoring system

The environmental sensors analyze air pollution level and the weather monitoring sensors provide the real time data of weather condition of the city.

Rain Gauges

Rain gauges help to measure the amount of rainfall in a particular area and also helps to anticipate flood earlier.

Digital Sign Boards

Digital sign boards installed at the key junctions would be used to publish specific messages for managing traffic and other important awareness messages.

Emergency call buttons

Public can use this facility at the smart poles in case of emergency and seek help from the officials.

WiFi Facility

A public Wi-Fi connection is enabled in these smart poles.

Solid Waste Management

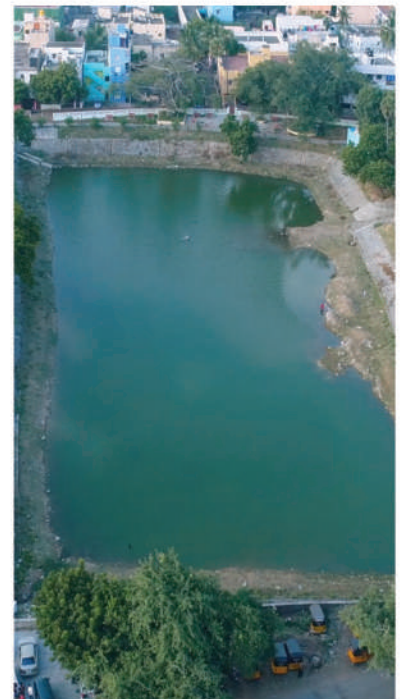This system will alert the control room if the garbage bins are overflowing.

Rain Gauge at Zonal Office 4

2 ways to connect with Greater Chennai Corporation

Complaint Helpline number: 1913

Namma Chennai App

To register all your queries and complaints, use the below link to download Namma Chennai app.

GET IT ON
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Download on the
App Store

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Namma Chennai

Greater Chennai Corporation's
Smart Initiative

CHENNAI
SMART CITY
LIMITED

Ensuring the Safety of Citizens with Technology-driven Facilities

50 smart poles, 55 flood sensors and cameras, 100 surveillance cameras installed across the city

Greater Chennai Corporation has also installed flood sensors and flood cameras at 55 locations in the city that will aid in detecting the potential signs of flooding, and plan for evacuation, if need be.

Smart poles installed are equipped with smart lights, emergency call buttons, public Wi-Fi, and a public address system. The purpose of the emergency call button in the poles is mainly to assist women and children in case of any emergency. This 'alarm' button when pressed, transmits the location information of the person to the nearest police station. Immediately a police patrol nearby the location will be sent to attend to the citizen in distress or in danger.

When the alarm button is engaged, the cameras with fisheye lenses in the smart poles will start clicking photos of the surroundings. These photos will be then used for matching with those photos in the database of the Police Department to quickly identify the perpetrator. The 4G connectivity enabled through the smart pole, will further help the officials to access live videos shot by the cameras to track the victim or the persons involved in the case.

The flood monitoring sensors will collect data on the amount of waterlogged in an area and transmit the data rapidly to the mobile command and control center. This helps in providing immediate intervensions in these areas, in order to bring back the situation to normal, avoiding hindrance in public commutation.

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