



கொரோனாவிலிருந்து பாதுகாப்பாக இருங்கள்  
**Stay Protected from Corona**

உங்கள் முகத்தை சரியாக அணிவது  
**Wear your mask properly**

தடுப்பூசி மருந்து கண்டுபிடிக்கும் வரை கவனமாக இருங்கள்  
**No Carelessness until there is a Cure**

உங்கள் கைகளை சோப்பைப் பயன்படுத்தி அடிக்கடி கழுவங்கள்  
**Frequently wash your hands with soap**

மதுரைப்பாசு இடைவெளிவை வைப்புகள்  
**Maintain safe distance**



சென்னை மெட்ரோ இரயில் நிறுவனம்  
**கொரோனாவை தடுக்கும் வழிமுறைகள்**

வெளியில் செல்லும் போதும் மற்றும் பொது இடங்களிலும் கட்டாயம் முகக்கவசம் அணியுங்கள்

சமூகப் பூரணத்தொடர்புகள் மறவர்களிடமிருந்து குறைந்தது 2 மீட்டர் இடைவெளி விட்டு தள்ளியிருங்கள்

உங்கள் கைகளை அடிக்கடி சோப்பால் கழுவி அந்தமான வைக்கும் கைவளையங்கள்

பயன்படுத்தப்பட்ட முகக்கவசங்களை சூடிய தொட்டிகளில் போடுங்கள்

சாப்பாடும், குடிநீர் மட்டும் களைப்பதில் சிறிதும் இருந்தால் உடனடியாக மருத்துவரை அணுகுங்கள்

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## Change in Chennai Metro Rail Services Timings from 08-11-2020

To cater to Office goers, International and Domestic passengers, CMRL decided to revise the timings of its Metro Train services from 08-11-2020. Accordingly, Metro Train Services will be in operation from 5:30 am to 11 pm from Monday to Saturday with a Peak Hour headway of 7 mins and Non-Peak hour headway of 10 mins. On Sundays and Government Public Holidays the Metro train services will run from 7 am to 10 pm without peak hour headway.

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## Vigilance Awareness Week Celebrations observed at Chennai Metro Rail Limited

Every year, Central Vigilance Commission the apex vigilance institution of the country celebrates the Vigilance Awareness Week to emphasise the importance of integrity in public life. This year, Vigilance Awareness Week Celebrations commenced on 27-10-2020 with the theme " Vigilant India, Prosperous India" and was observed till 2nd Nov 2020.

CMRL's Vigilance Awareness Celebrations began with the administration of Integrity Pledge by Thiru Pradeep Yadav, I.A.S., MD, CMRL to CMRL Officials and Staff. During the event, Government e-Marketplace (GeM) Handbook, a culmination of guidelines for users on procurement of items and services through the GeM portal was released at the hands of Thiru Pradeep Yadav, I.A.S., MD, CMRL, in the presence of Thiru. Rajeev Narayan Dwivedi, Director (Projects) and Thiru. Rajesh Chaturvedi, Director (Systems & Operations) for the benefit of CMRL officials. CGMs, other senior officials and staff of CMRL were also present during the event.

As part of Vigilance Awareness Week Celebration, a slew of events were conducted for CMRL officials and staff namely;

- E- Quiz Competition on GeM /General Procurement Procedures on 28th Oct 2020.
- E-Debate Competition on Vigilant India, Prosperous India on 29th Oct 2020
- E- Workshop on GeM on 31st Oct 2020.

In addition to the above activities, to create awareness on the importance of creating a vigilant and a corrupt-free India, Vigilance Awareness Week posters were also displayed at Metro Stations and CMRL Admin Building.

### Prize Distribution to Winners:

As part of Vigilance Awareness Week celebration activities. Debate Competition was conducted on the theme **VIGILANT INDIA, PROSPEROUS INDIA** and Quiz competition was conducted on the theme "**CMRL Procurement Procedure, GeM, S.O.P, & Literature on Mahatma Gandhi**".

The Prize distribution event was held on 02nd Nov 2020. Thiru. Rajeev Narayan Dwivedi, Director (Projects) distributed the prizes to the Winners and participants.



# Vigilance Awareness Week Celebrations

## VIGILANCE AWARENESS WEEK- 2020 COMPETITION PRIZE WINNERS

### DEBATE COMPETITION

TOPIC: VIGILANT INDIA, PROSPEROUS INDIA

- 1) Tmt. Fathima. S, Site Engineer- Civil: First Prize
- 2) Thiru. Rajaram, AM (Operations) :Second Prize
- 3) Thiru. Praveen Kumar. P, Manager (IT&AFC): Third Prize

### QUIZ COMPETITION

TOPIC: CMRL Procurement Procedure, GeM, S.O.P, & Literature on Mahatma Gandhi

First Prize:

- 1) Smt. Amirta Kujur, DM (OHE & PS)
- 2) Shri. Ramesh. S, JE (MEP)
- 3) Shri. Premkumar. D, DM (Lift & Escalator)
- 4) Smt. Fathima. S. Site Engineer(Civil)

Second Prize:

- 1) Shri. Thirukumar. C, DM(MEP)
- 2) Shri. Sampath Kumar. T, DM-Finance
- 3) Shri. Rajendran. P, ASE(UG-Construction Civil)
- 4) Shri. Priya Sai Sujan, AM (Civil)

Third Prize:

- 1) Shri. Saravanan. N, Manager (MEP)
- 2) Shri. Ashok Shankar. S, DM (Telecom &AFC)
- 3) Smt. Suganya, JE (Rolling Stock)
- 4) Shri. Vijayaramachandran, Accounts Assistant



# Cash Award for Headmistress and Artists of Greater Chennai Corporation Primary School for Metro Train Painting

Chennai Metro Rail Limited has always endeavored to provide a sustainable and efficient mode of transport and also several unique facilities for the benefit of Chennai Public. Recently, it had come to CMRL's notice that a Greater Chennai Corporation Primary School in Annai Sivagami Nagar, Ennore had carried out a unique design in their school facade with Chennai Metro Train Painting and compound wall with Chennai Metro Station. The designs have been made in such a way that the school doors become the Metro Train Doors.

In this connection, in order to show CMRL's support to the School and the Artists involved in this interesting and fascinating creative endeavor, Thiru Pradeep Yadav, I.A.S., Managing Director of CMRL had appreciated and honoured **Tmt. T Vetriselvi**, Headmistress, **Thiru J. Sureshbabu**, Creative Artist and **Thiru. B.Saravanakumar**, Contractor as a token of recognition for taking a lead in exhibiting their creativity for the noble cause of the well-being of children and society.

Thiru Rajeev Narayan Dwivedi, Director (Projects) and Thiru G. Rajarathinam Chief General Manager (HR) were present during the occasion.



## Chennai Metro Rail Service Hours extended on account of festival holidays

On account of Festival Holidays, for the benefit of passengers, CMRL had extended its Metro Train services till 11 pm instead of 9 pm on 23rd Oct, 24th Oct and 29th Oct 2020.

The Metro Train services were operated from 5:30 am instead of 7 am on 27th Oct, 2nd Nov 2020 to facilitate passengers returning from Festival holidays.

## Founding Member Memento Awarded to CMRL

The Indian Green Building Council (IGBC) organized its 18th edition of 'Green Building Congress' on 29th, 30th & 31st October 2020 virtually on the CII HIVE: CII Digital Events Platform. The theme for this year was 'Hygiene, Health and Well-being' in Green Built Environment.

During the Leadership Awards program in the Virtual Conference, recognizing CMRL's efforts in its efforts to provide a sustainable efficient transport with several innovative facilities. CMRL was awarded Founding Member Memento for its contribution to the Green Building Movement in India.



# Over 10.63 lakh passengers traveled in Chennai Metro Train from September 7 to October 31, 2020

CMRL resumed its Metro Train services in a graded manner in the Blue Line between Airport to Washermenpet from 07-09-2020 and Green Line between St. Thomas Mount and Puratchi Thalaivar Dr. M. G. Ramachandran Central Metro via Koyambedu on 09-09-2020.

- A total of 10,63,416 passengers traveled in the Metro Train from 07.09.2020 to 31.10.2020.
- A total of 3,60,193 passengers traveled in the Metro Train from 07.09.2020 to 30.09.2020.
- A total of 7,03,223 passengers traveled in the Metro Train from 01.10.2020 to 31.10.2020.

On 29.10.2020 a total of 30,515 passengers have used the Metro Train to commute. In the month of October, 2020 a total of 19607 passengers have utilized the recently launched QR code ticketing system. While 4,34,289 passengers have used Travel Card Ticketing System. CMRL offers a 20% discount on QR Code ticketing namely Single Journey Q.R Ticket, Return Journey Q.R Ticket, Group Q.R Ticket and Q.R Trip passes from 11-09-2020. 10% discount is already available for passengers using Travel Cards.

All the Entrance gates at all Metro Stations have been opened for Public use considering the convenience and welfare of Public and Chennai Metro Rail Passengers. Also, all the facilities inside the Metro Stations such as Lifts, Escalators and Subways connecting the Entrance of Metro Stations were opened to benefit the Public and Metro Rail Passengers.

CMRL requests all its passengers to co-operate with CMRL security, Ticketing and other staff by wearing face masks and maintaining social distancing for a safe and smooth travel.



**Safe & Swift Travel!**

Clean Your Hands Using Hand Sanitizers Provided at Metro Station Entrances

The advertisement features the Chennai Metro Rail logo in the top left corner. The main text reads "Safe & Swift Travel!". Below this, there is an illustration of a hand holding a blue hand sanitizer bottle labeled "SANITIZER". In the background, there is a stylized illustration of a metro train carriage with passengers. The bottom of the advertisement has a red banner with the text "Clean Your Hands Using Hand Sanitizers Provided at Metro Station Entrances".

# North East Monsoon Preparedness Initiatives by CMRL

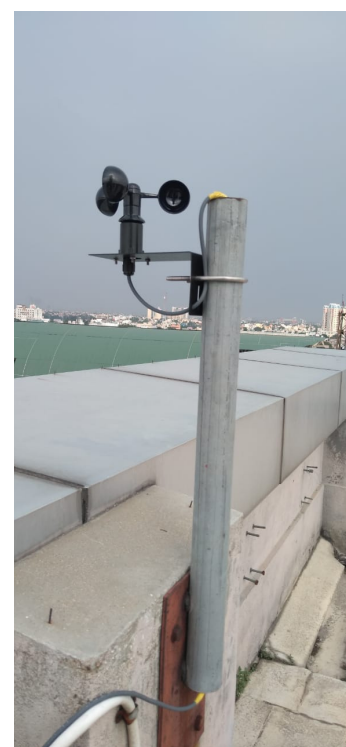
CMRL presently operates an entire 45 km stretch of the Phase 1 of the Chennai Metro Rail Project from Washermanpet Metro to Airport Metro and Puratchi Thalaivar Dr. M. G. Ramachandran Central Metro to St. Thomas Mount Metro with a total of 32 Metro Stations comprising 13 Elevated and 19 Underground Metro Stations. In view of the ongoing North East Monsoon Season, CMRL has taken several precautionary measures as enumerated below and is well prepared to tackle any situation which may arise during the Monsoon season:

- Wind speed, Rainfall, Visibility and Cyclone formations are monitored through weather forecast at regular intervals by Operation Control Centre (OCC). Information on weather forecast is also obtained from Regional Meteorological Centre, Chennai on cyclone and other unusual weather conditions.
- CMRL has installed Anemometers at all strategic locations like top of CMRL Operation Control Centre building, Alandur Metro Station, which is one of the highest locations in CMRL, Tunnel Ventilation Shafts and other strategic locations. These anemometers are high precision instruments, working on the principle of rotation of cups depending on the speed of wind, continuously measure the wind speed by generating electrical & electronic data, which is monitored and integrated in the electronic SCADA system to give audio and visual alarm on real time basis. As the Metro trains operate across the corridors at a height of 15m to 24m from the road, wind is one of the critical factors that affect movement of trains.
- Wind speed monitoring is vital during cyclone and heavy windy season. If the wind speed is more than 70kmph, the speed of the train is restricted to 40 kmph and the Train Operator is given instructions to be ON ALERT. If the wind speed is beyond 90 kmph, the train operations are suspended temporarily for the safety of passengers and trains. In such situations, special attention is paid by Train Operator to observe any obstruction or unusual occurrence.
- Train Operators and Station Controllers are instructed to check the following and be in constant touch with Operational Control Centre (OCC) through wireless communication:

a. Trains are checked for working of wipers, headlights, safety lights, door closing mechanism in addition to routine checks

- b. Any water stagnation ingress in the tunnel and in the entry points of the Metro Stations.
- c. Any leakage in the Metro Station, Platform and Equipment Rooms will be attended to swiftly and cleaned promptly for passenger safety.
- d. Any infringement to the track or OHE in the running line especially in Elevated Stations.
- e. To report any poor visibility on track.
- f. For the safety of passengers, periodical announcements regarding wet floor are being provided at the Metro Stations.
- g. As per procedure, the Train Operators always follow the instructions given from Operation Control Centre located in the Admin Building at Koyambedu Depot.

- Lightning Arrestors have been installed in the main OHE sub-stations and other structures.
- These lightning arrestors and surge protection equipment protect OHE and other critical instruments. OHE system is provided with high sensitive relays, which operates to isolate the system in milli-seconds in case of abnormalities.



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**Published by:**  
**Chennai Metro Rail**  
**Limited**

**Chennai Metro Rail Limited,**  
**Admin Building, CMRL Depot,**  
**Poonamallee High Road,**  
**Koyambedu, Chennai - 600107**



## Chemical-free Aqueous Sanitization by CMRL

Amongst several safety measures undertaken by CMRL for the safety of its passengers, the sanitization of Metro Trains and Metro Stations is a top priority. Hence various sanitization chemicals are being used extensively.

CMRL is the first Indian Metro to venture into microplasma oxidation system to produce aqueous stabilized ozone on demand to avoid exposure of harsh chemicals during sanitization. It is a clean, safe and sustainable water disinfectant. This technology is currently used in high-end defence and medical applications.

ETA Purification's Micro-Plasma Oxidation system use surrounding air that is chemical - free as its raw material and it leaves no harmful residues. CMRL in association with ETA Purification has designed and developed a system to use the above technology to disinfect Rolling Stock and Stations. The produced aqueous-based disinfecting agent is approximately 10-1000 times more effective than other chemicals against bacteria, mold and viruses.

The sanitation process can be completed in just a few minutes. It is 51% more powerful on bacteria cell walls than chlorine and kills bacteria 3000 times faster. Unlike chlorine, it is non-toxic and produces no disinfection by-products. This system uses only ordinary water as input and no chemicals are added.



Following are the benefits of Micro Plasma Oxidation:

- Bactericidal: Highly effective, reduces endotoxins and destroys algae
- Virucidal: Broad spectrum coverage of all known water-borne viruses and other pathogens
- Avoids storage and handling of hazardous chemicals
- Lower O&M cost
- Produced on-site on demand
- Environment friendly