



KOCHI METRO RAIL LIMITED

Kochi Metro Connect

News Letter

Issue: February 2022



www.kochimetro.org / Helpline no. 1800 425 0355

EVENTS & UPDATE

KMRL Corporate office New Year Celebration

New Year celebrations held at Kochi Metro Corporate office with the stunning performance by employees and their children. There was also additional Musical event by the students from St. Albert's college.

Jan 1st



"Let's sing and travel in Kochi Metro" Program was held at Kochi Metro

Kochi Metro Rail Limited and Greater Kochi Development Forum gave an opportunity to the musical crew of St. Albert's College for conducting a musical performance inside running metro from morning to till evening to entertain the commuters of the Kochi Metro. Honorable Mayor Adv. Anil Kumar also traveled in the metro



Jan 1st



Mobile Charging KIOSK was been inaugurated at M G Road

Inauguration of Mobile charging KIOSK was done by Former Indian football player Shri. I M Vijayan at MG Road Station. The passengers can recharge their devices by pedaling the machine and also maintain their fitness

Jan 4th



Inauguration of 824.1 kWp Solar Power Project

A 824.1 KWP ground mounted solar plant was inaugurated at Kochi Metro's depot at Muttom by Shri.Loknath Behera, Managing Director, KMRL With the opening of the new solar power plant, which will have panels installed over 8400 sqmtr, KMRL will be able to generate about 3000 units

per day. With this is able to meet 42 per cent of its total power requirements by itself. KMRL is planning to produce an additional 3.1 MWp power by 2022 by setting up solar panels in Muttom track area and nearby land area. In addition of this plant KMRL



"KMRL intends to develop use of solar energy in an inclusive manner to ensure its maximum usage from the available solar potential in this region considering the fact the services of metro operation are solely dependent on Electrical power. KMRL has itself pioneered as one of the largest solar power producing plant in Kerala considering its finally commissioned 25.6 Km route length where solar plant is fully operational". With the commissioning of the above plant KMRL as on date is producing

approximately 30000 units of solar energy per day. The above units are derived from three plants 2.670MWp which is installed over the station buildings from Aluva to Maharajas metro stations and Depot buildings which was commissioned in the year 2018.

The solar units generated at that point of time was 9600KWh which is 18% of KMRL's total power consumption at that point of time. KMRL in the year 2019 installed and commissioned a ground mounted solar of 2.719MWp very close to Muttom depot and thus attained 40% Neutrality to its daily electrical power consumption since the trains operations at that point of time was till Maharajas college metro station. The unique veracity of these solar project is its combination in installation of solar modules over station roof top, ground mounted type and over depot track area accompanied with structural installation. Earlier 1.9MWp over the station roof top beyond Maharajas metro station and some of the earlier stretch PD buildings and exit entry buildings were also commissioned. Based on this latest achievement, the total solar power plant commissioned as on date stands at 8.1 MWp. By commissioning of the remaining 3.1 MWp and with some new additional locations, KMRL shall have a total of 11.2 MWp solar plant commissioned by the end of April 2022. KMRL by its virtue of go green concept, profoundly adheres itself to a environmental friendly contrib-utor and has visioned itself to become 100 % electrical energy neutral by installing more solar plants or thriving itself to more renewable energy from available resources/methods.

Frosty Fest 2021 Prize Distribution

Prizes were given to the winners of various competitions conducted by KMRL as part of the Christmas & New Year celebrations.

Shri. Manikandan. A (GM, Operations)

Shri. Nireesh. C (GM-PPP)

Smt. Mini Chhabra (GM-HR) and other officials were present in the function

Jan 7th



Kochi Water Metro: The second battery powered electric boat has launched

The second battery powered electric boats for 100 pax being built in Cochin Shipyard Ltd. for the Water Metro was launched after finishing 75% of the works. The boat was launched in the presence of Kochi Water Metro General Manager Shaji Janardhanan, Cochin Shipyard Chief General Manager Neelakandan and General Manager Shiva Kumar.

Jan 10th



Water Metro:Keel laying of two more boats held

The keel laying of Two more boats was built by Cochin Shipyard Ltd. for Kochi Water Metro held at the shipyard hull shop. With this, the number of boats under construction is 14. The first boat was handed over to KMRL on 31st December. Kochi Water Metro General Manager Shaji Janardhanan, Cochin Shipyard General Manager Shiva Kumar, Deputy General Manager Kulanthavel and employees from KMRL and CSL attended the ceremony.



Jan 13th



Training for the modern CPR:For KMRL Employees



Training with Modern C.P.R (cardio pulmonary resuscitation) using artificial intelligence for the employees of Kochi Metro for Providing emergency first aid care to the metro commuters in case of cardiac arrest during metro journeys. The training was made available to the Operations and Maintenance department since they are more close with the Metro commuters The training was provided by M/S Brainwire Meditechnologies

Jan 14th

Talk Show Smart Urbanisation

75
Azadi Ka
Amrit Mahotsav

Greater Kochi
Development
Forum(GKDF)

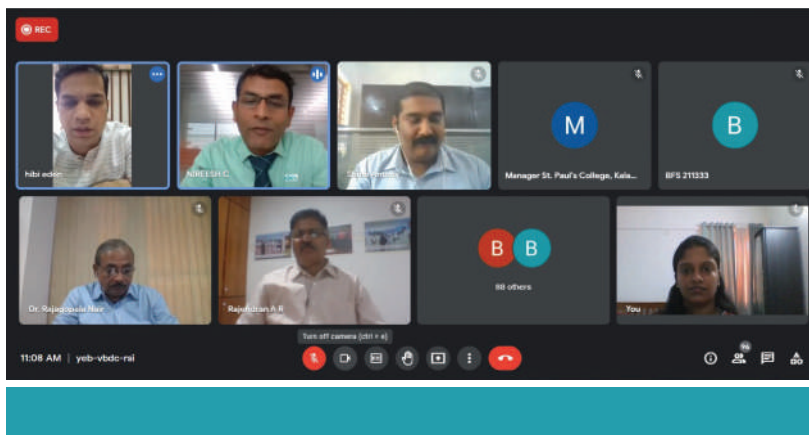
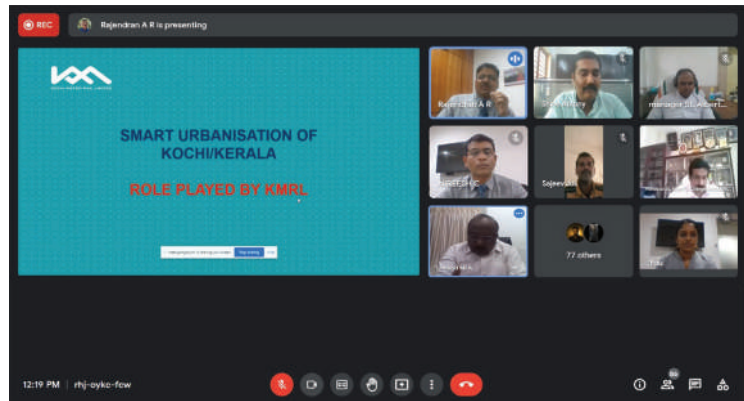


St. Albert's College
(Autonomous), Ernakulam

In connection with the Azadi Ka Amrit Mahotsav, Kochi Metro Rail Ltd. and The Greater Kochi Cultural Forum organized an online Talk Show on Smart Urbanisation at St. Albert's College, Ernakulam.

Shri. T J Vinod MLA inaugurated the talkshow.

Jan 17th



St. Paul's college
Kalamassery

In connection with the Azadi Ka Amrit Mahotsav, Kochi Metro Rail Ltd is organised an online Talk Show on Smart Urbanisation in association with Greater Kochi Development Forum at St. Paul's College, Kalamassery.

Shri. Hibi Eden MP inaugurated the talkshow.

Jan 19th

Republic day celebrations



As part of Republic day celebrations Kochi Metro stations were lit with Tri color

Jan 25th

Republic Day 2022:

Unfurling of Flag was done by
Shri. Loknath Behera, Managing Director,
KMRL at Operation Control Centre,
Muttom.

Jan 26th

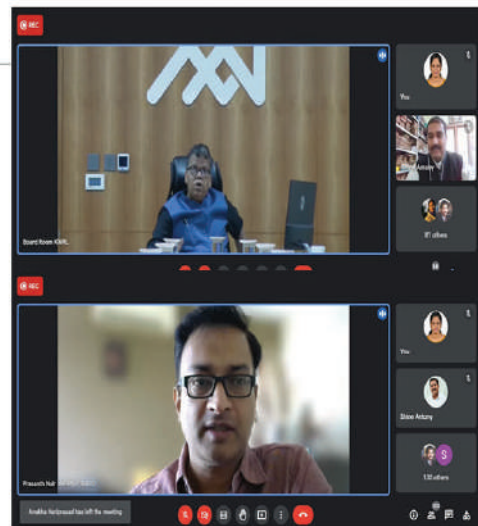
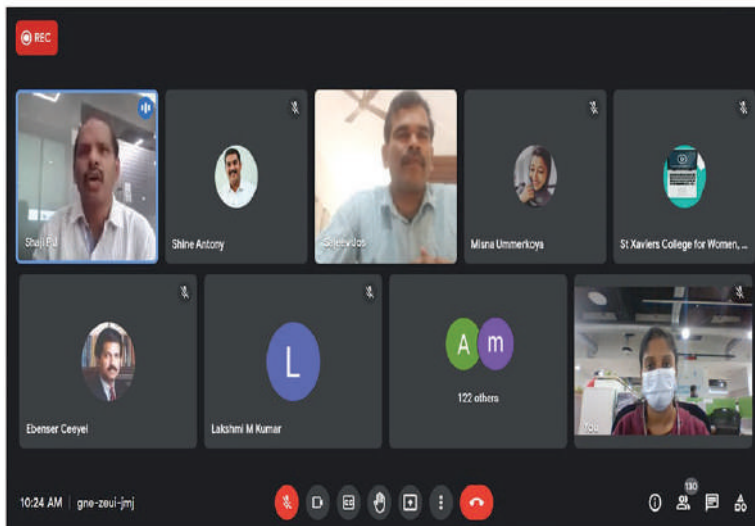


Workshop on Public Transport



75
Azadi Ka
Amrit Mahotsav

Greater Kochi
Development
Forum(GKDF)



In connection with Azadi Ka Amrit Mahotsav, Kochi Metro Rail Limited is hosting a workshop on Public Transport. The half day programme organized in association with Greater Kochi Development Forum was held online.

The workshop was conducted in collaboration with Ministry of Culture, Government of India celebrating Amrit Mahotsav.

Jan 29th

Inaguration: Gaming Zone

Vridhi Vishal (social media influencer) Inaugurated the Game Zone set up at M G Road Metro Station as part of the model station modifications.

Jan 29th



Model Station

The metro stations are public places and have to be maintained well and in international standards. After a visit by honorable MD to few stations, it was decided to improve various aspects in metro stations, which will be extremely rewarding for the commuters and also for the people including KMRL staff. In this scenario 6 stations viz. Aluva, Edapally, MG Road, Kadavanthra, Vytilla and Thykoodam was chosen to become model stations. Six officers were allotted one station each for making such developments.

M G Road : Sumi.N

Kadavanthra : Aswathy.C

Aluva : Joseph Ciby

Edapally : Pardeep Kumar Khatri

Vytilla : Saikrishna Taloju

Thykoodam : Jinson Jacob

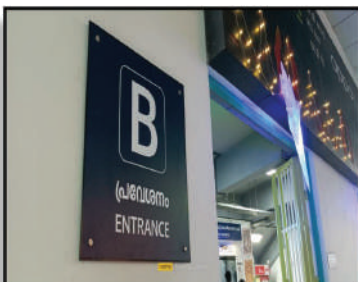
The modifications made in each station by the officers in charge is detailed herewith:

M G Road Metro Station

Area of Focus

Passenger – Ease of Travelling:

Identification of two entrances of metro station



Officer Incharge

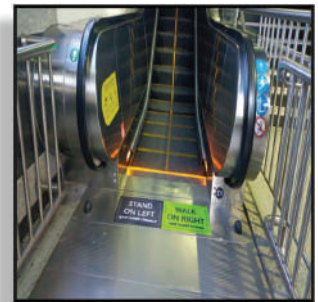


Sumi.N
Sr.DGM (PPP)

Direction signage outside station – A & B entrance



Passenger movements in escalator



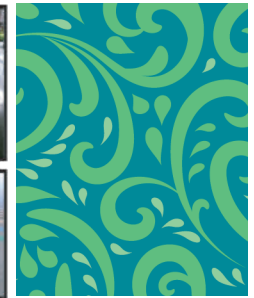
Floor Signage's way finder



Before



After



Pole signage for identification of platforms



Rent a bike Scheme



In association with EVM

Exit Board at B entrance



Before



After



Wrong Signage location



Before

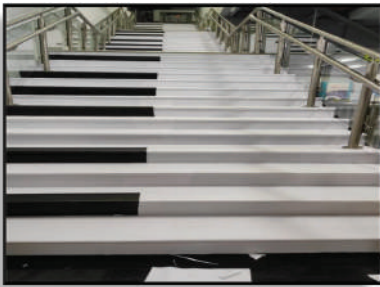


After



Passenger – Increase of Footfall

Musical Stairs



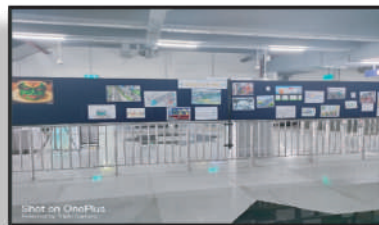
Next Generation Mobile Charging Centre



Gaming Stations installed at B side



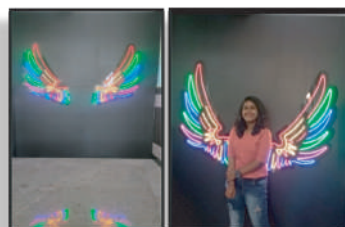
Art exhibit area



Before

After

Selfie point – Metro wings



Before

After

Music Arena – Platform / Podium for Performance



Passenger- Information sharing

LED Screen displaying information about station , train & discounts



Before



After



Totem – offices in PD Building



Before



After

Property development lift signage's



Before



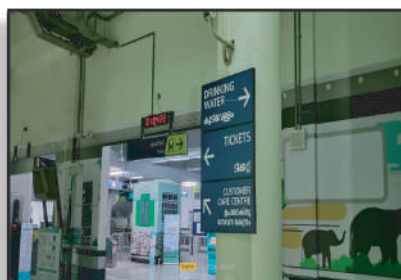
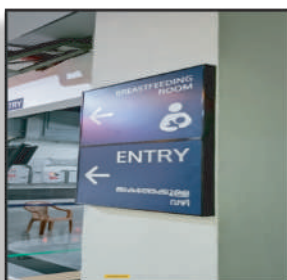
After



Information signage outside station – A & B entrance

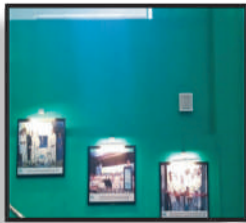


Information signage outside station



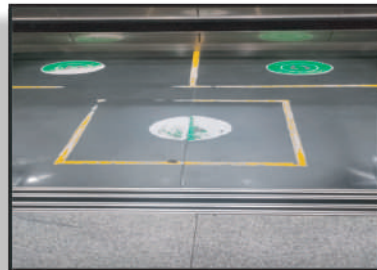
Passenger-Information Sharing & Station Aesthetic Look

Historical events of Kochi Metro

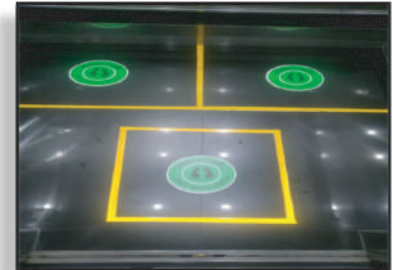


Social Commitment

Social distancing inside lift



Before



After

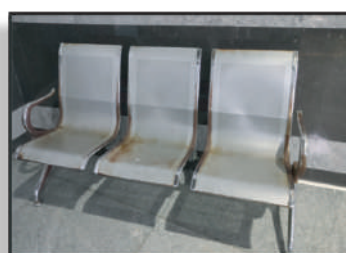
Water Saving Aerators and Regulators



Sl. No	Description	Area	Total Units	Present Flow in Minute (Sensor tap 6 second duration)	Present Total Flow in Minute	Present Aerators - Flow in Minute	Total Flow in Minute	Saving in a Minute
1	Wash Basins	Ladies Toilet	2 Nos	6 Liter	12 Liter	3 Ltr	9 Ltr	3 Ltr
2	Health Faucet	Ladies Toilet	2 Nos	6 Liter	12 Liter	3 Ltr	9 Ltr	3 Ltr
TOTAL			4	12	24	6	18	6 Ltr
Present Flow in total taps/ Health Faucet				24 Liter				
Reduced using Novert Aerators/Regulators				12 Liter				
Saved Water in a Minute				12 Liter				



Reuse of Benches at waiting area



Before



After

Waiting area for Passengers



Before



After

Social Commitment & Station Requirements

Social distancing inside lift



Station Requirements

Napkin Vending Machine



Soap dispenser in toilets



Drinking water facility at 4 Locations



Station Requirements & Social Commitment

Bio bins for bio waste collection



Breastfeeding Pod



Station Requirements

Happy passenger button



Before



After

Station Outside Area



Room Names



Kiosk at First Floor



Ticket Vending Machine

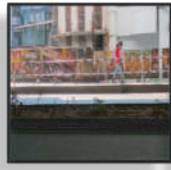


Snack Vending Machine



Station Aesthetic Look

Medians



Before

After

A) Plants at the entrance



Before

After

Outside wall



Before

After

Fire exit area – station entrance A side



Before

After

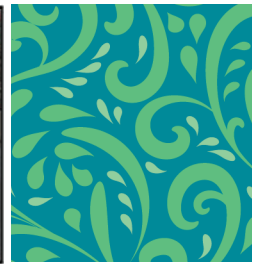
Pathway of fire exit



Before

After

Footpath bad in shape



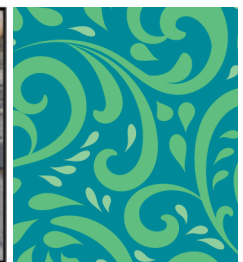
Front footpath restoration



Before



After



BOB Ramp halfway constructed



Before



After



Advertisement area vacant



Before



After



Signage in pillar - pillar identification by colour



Before



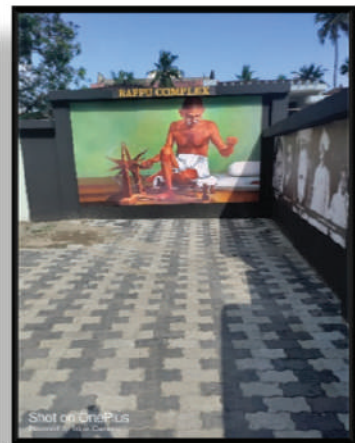
After



A) Property Development wall – Gandhiji Life events

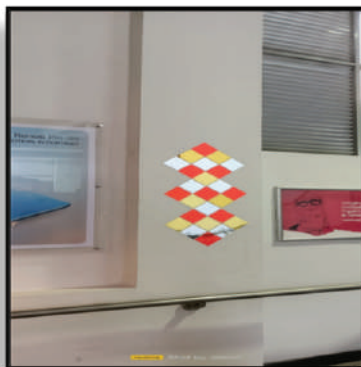


Before



After

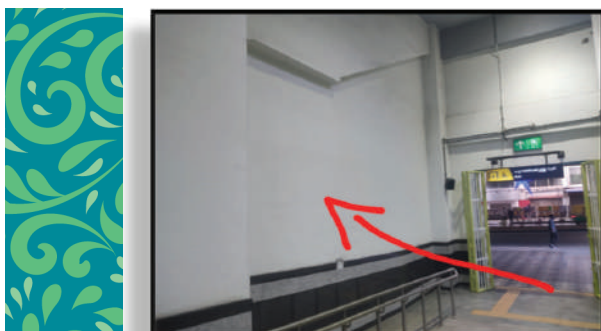
Mirror Stickers in walls



Makeover of an unused wall



Property Development entrance wall



Before



After

Model Station

KADAVANTHRA METRO STATION

Officer Incharge



Aswathi C
Executive Architect

In line with Kochi Metro's philosophy to beautify the metro stations, the Kadavanthra Metro Station was revamped recently. KMRL chose "History of print media in the state" as the theme at Kadavanthra metro station. The concept of the Library is conceived as an extension to the theme of the station.



Little Free Library

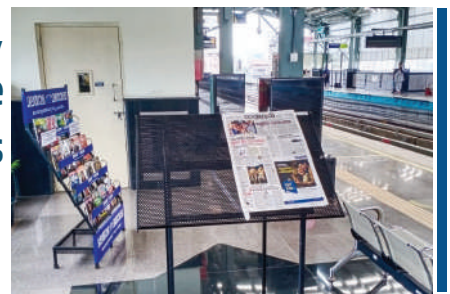


The library named "Little Free Library" is for all the bibliophiles in Kochi. The Little Free Library, located in the concourse of the Kadavanthra Metro Station, is open for all commuters of the metro free of cost. One can explore the different titles in display, ranging across genres, in both Malayalam and English. Commuters can pick a book that fancies their interest. All one need to do is enter personal details in the register and return once they finish reading. Users can also be a part of the cause by donating their used books to the library for others to read. The Library also provides a reading nook replete with beanbags and chairs, if you are someone in search of a quaint corner to read in peace.

KMRL has also set up a performance space outside the metro station. The performance space is a perfect place for an evening gig! KMRL has made it open for both commuters as well as the public. Power for connecting mic and instruments are also provided near the stage.



Being a station themed after Print media, Newspapers and Magazines are made available at both the Platforms. This adds to KMRL's plans to provide the better commuter experience



Station Signages have been enhanced and passenger movement routes both inside and outside the station are demarcated with paints and stickers on floor for a better way finding & ease of movement.



A Mother's lounge is set up inside the station for seclusion while breast feeding babies. The wall art on the inside makes the space more attractive.



The painting was done by
The Architect
Herself !



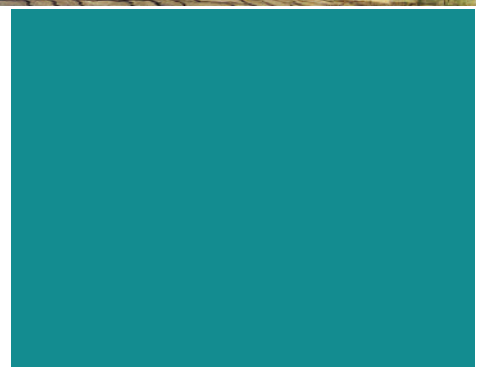
A sanitary napkin vending machine is installed in the ladies wash room.



Artworks have been done inside and outside the station for a facelift.



An opportunity for a "Selfie with the Metro" is set up in the concourse level.



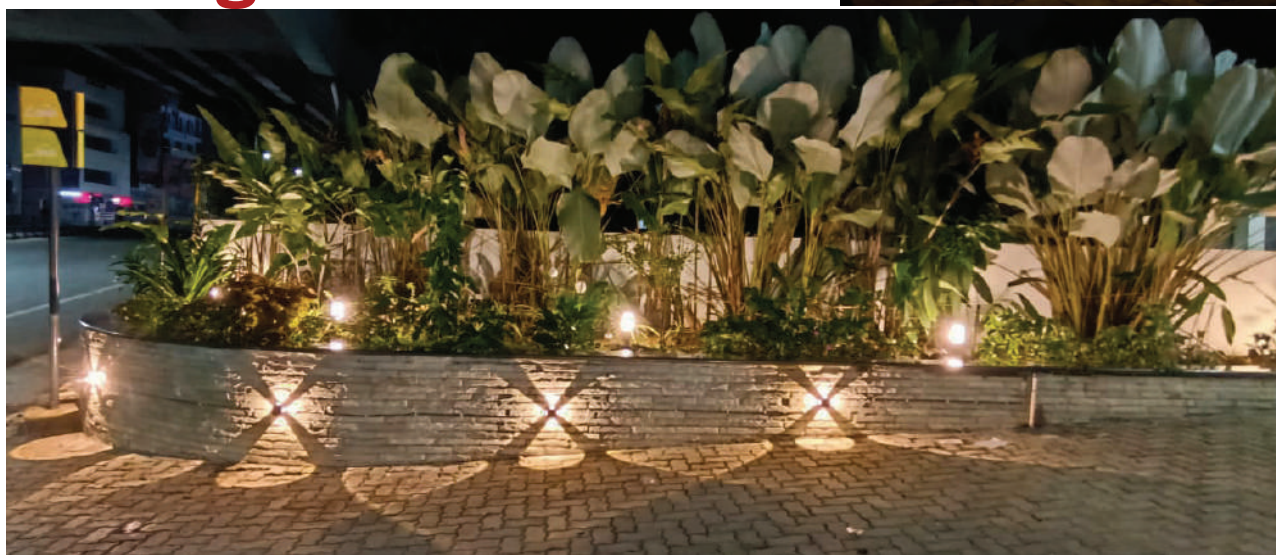


An illuminated installation is set up commemorating “Azadi ka Amrit Mahotsav” - The glorious 75 years of Independence.

75
Azadi Ka
Amrit Mahotsav



An illuminated Christmas tree was set up outside the station for spreading the joy of Christmas during the season.

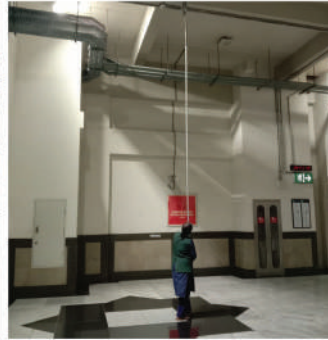
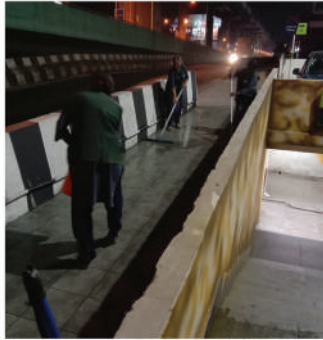


Overall external lighting outside the station has been enhanced for a safe and comfortable travel experience.

Model Station

EDAPPALLY METRO STATION

Station Area & its Surrounding Cleaning



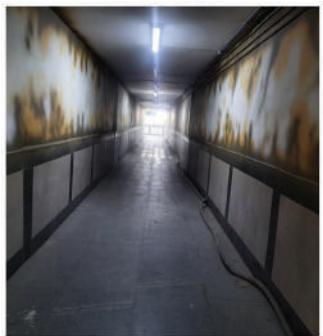
Officer Incharge



Pardeep Kumar Khatri
DGM(Operation & Safety)



Station Cleaning, Signage and Painting



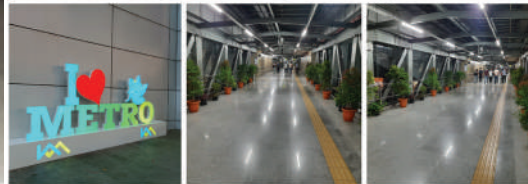
Customer Services and Customer Engagement



Ticket Vending Machine In Operation For Customers



Mobile Power Bank By PLUGO



Automated Snack Vending Machine.



Hand Dryer in Toilet Area.



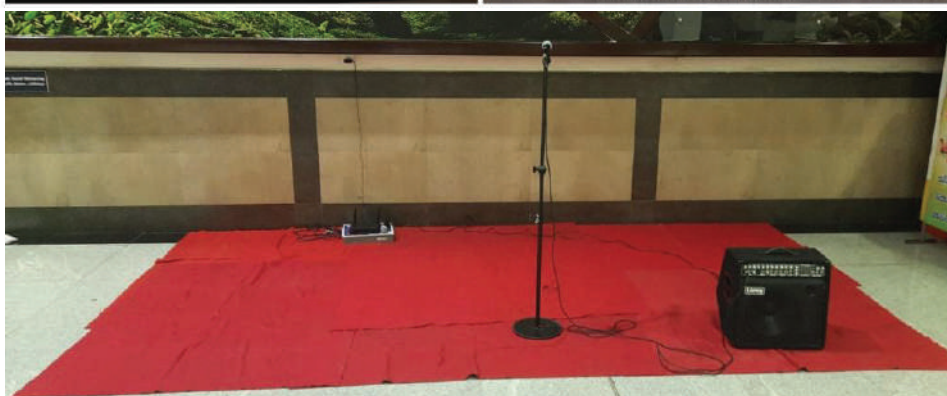
Waiting Area, & Bench of Recycled Items.



QR based informative Standee (To Know More About Station).



Selfie Point Indoor Plants At Link Bridge



Underpass Artwork

Music Podium Customer Feedback Point

Model Station

THYKOODAM METRO STATION

General Maintenance Painting and Crack Repairing



Officer Incharge



Jinson Jacob
Manager Architect

Replacement of broken glasses



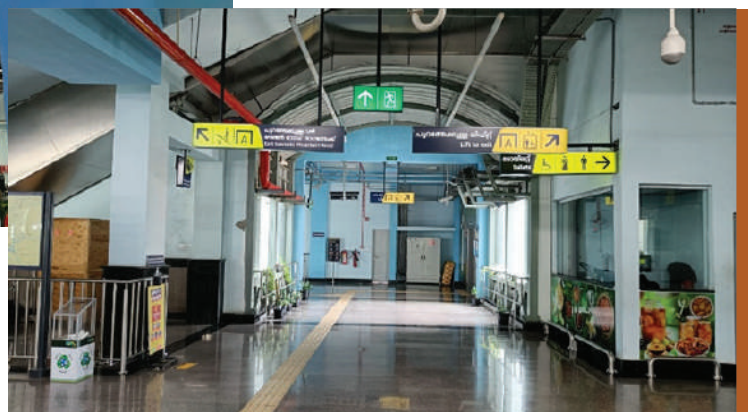
Trays for cooler to avoid water dripping



Improvement in footpath



Interior plants and rearrangements



Wall art & Installation for selfie points



Talent zone for performance



Model Station

VYTTILA METRO STATION

Melodious instrumental Music inside the station

To give soothing retreat & calm down the commuters' mood while entry to station, transiting & waiting for trains, melodious music is playing during the morning & evening hours.

The music will give an immense peace of mind to commuters, relaxed and comfortable ambiance inside the station.

To match with the VYTTILA station Cinematography of Kerala theming, it is decided to play melodious Malayalam songs/instrumental music in VYTTILA station shortly.

Officer Incharge



Sai Krishna Taloju
DGM(Train Operation)

Development of Parking area & demarcation



Parking area developed in addition to the existing space, will enable additionally 50 metro commuters to park their two wheelers and ride in metro.

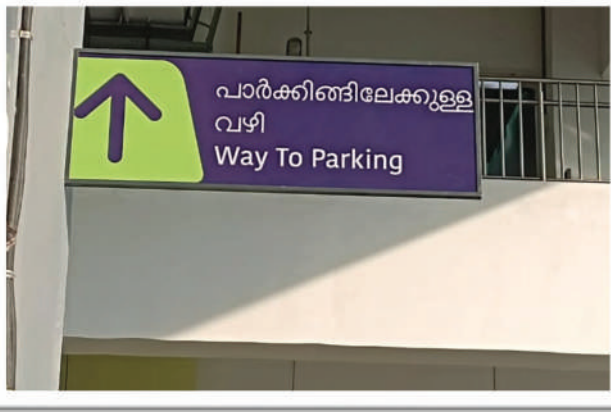
Proper demarcation done to accommodate vehicles orderly

Selfie Point:



Selfie point provided depicting the metro rail & water transport interchange station

Additional signages/corrections in existing signages:



Provision of additional signages & Correction of existing signages to make commuters to identify entry exit, parking & various amenities inside the station

Model Station ALUVA METRO STATION

Wall art & Installation for selfie points



Officer Incharge



Joseph Ciby
Sr. DGM(MMT)

Selfie point



Performance zone



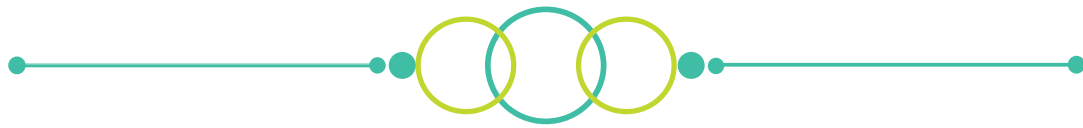
Additional Feeding Room



Installation



Seating arrangements from scrap



Send your feedback: socialmediacell@kmrl.co.in