



NEWS LETTER



Chennai Metro Rail Republic Day Celebrations.

Thiru.Pankaj Kumar Bansal, IAS, Managing Director hoisted the National flag in front of CMRL Admin Building at Koyambedu on 26th Jan 2018.

All Directors, officers & staff of CMRL participated in this occasion

Trial Run

VOLUME - 10
Dec 2017 & Jan 2018

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MANAGING DIRECTOR
CHENNAI METRO RAIL LIMITED

CMRL conducted its first train trial run between Nehru Park and Chennai Central – a distance of about 2.5 kms on 26th Jan 2018.

This was undertaken on completion of track and overhead electrification works. Further, finishing as well as tests and trials are under progress.



This will ensure completion of entire Corridor-II (Green Line) of Chennai Metro Phase-I Project.





Automated Vertical Storage and Retrieval System.

In order to effectively utilise the storage space of maintenance spares, CMRL has purchased and installed an Automated vertical storage and retrieval system at a cost of Rs. 38 lakh. The system is indigenously developed, manufactured and installed at CMRL Koyambedu Depot General Store. The system can stock various spares in 50 trays one over the other. The load capacity of the machine is 38 tonne.

The system is capable of retrieving the required spares through a user console driven by an inventory management software. Per tray pay load in 750 kg. It can also measure the weight of components stored in tray and if it exceeds the design capacity of 750 kg, it will reject the tray. This can also be operated remotely through web application.

The system can itself record the stock status through the Quantity updating facility and alerts the operator when re-order level is reached.

This system completely eliminates the material handling activities with minimum use of material handling equipment, maximum utilization of volumetric area and can be operated even by unskilled manpower.

Conversion of Rolling Stock saloon lights from Fluorescent to LED. In order to improve the energy efficiency, Rolling stock department of taken initiative utilise to convert the existing fluorescent lights to an upgraded technology like LED lights, which are cheaper and energy efficient. This was carried out on one complete train on trial basis. The overall power consumption for saloon illumination is reduced by 50%. LEDs are expected to have a minimum life of 45,000 hours as against maximum life of the fluorescent lights of 20,000 hours. The LED lights are environment friendly with no risk of mercury.

Based on the service performance, the conversion may be undertaken for the entire fleet. The above two systems were inaugurated by MD CMRL on 11th January 2018 at CMRL Koyambedu General Stores and Test Track.



Educational Trips are regularly conducted for Government School Children as part of creating awareness on the facilities and services provided by Metro Rail for Chennai public

Urur Olcott Kuppam Vizha

Urur Olcott Kuppam Vizha in collaboration with Metro Rail hosted several performances to highlight several Arts forms of Tamil Nadu namely Pariattam and Classical music from Nehru Park Metro Station till Airport Metro Station on 23rd Dec 2017 .

1. Performance by Dr.Sudha Raja's SARGAM CHOIR on the Metro train From Nehru Park to Airport.
2. Pariattam by Friends Kalai kuzhu performed at Vadapalani and Thirumangalam Metro Station



CMRL Metro Music Festival

As part of celebrating Tamil Culture and various cuisines of Art and Culture, CMRL conducted Metro Music Festival at Vadapalani, Alandur and Thirumangalam Metro Stations from 26th to 28th Jan 2018.

To celebrate Tamil Nadu culture and heritage, Celebrity artists namely Indian National Awardee, "Kalai Ilamani" Trichy Dr. R. Kashyap Mahesh who has performed in many famous festivals and satellite channels performed Tamil Isai songs on 26th Jan18 at Vadapalani Metro Station.

On 27th & 28th Jan 2018 Shimoka Thiru. H. K. Bhoothiyappa Party performed "DOLLUKUNITHA" (Thulisai Nadanam) and Rural Folk dance programme by Tamil Nadu Rural Arts development Centre, Madurai at Alandur Metro Station and Thirumangalam Metro Station

Chennai Metro Rail Pongal Kondattam – 2018

Chennai Metro Rail celebrated Pongal with lot of fun and fervor to children and adults through a Vizha called "Chennai Metro Rail Pongal Kondattam – 2018" at Vadapalani and Alandur Metro Stations.

At Vadapalani Drawing, Essay writing competition for children for below 10 years, 11-15 and above 15 years were conducted and distributed prizes for winners and also for the participants.

The concept for Drawing was Free Style, Chennai – 2025 and Cashl-ess Economy etc., Food and beverages stalls were specially arranged. For Children, fun games like Jumping Castle, Picking coins from mirror and Magic show were also arranged.

At Alandur Metro station Rangoli Kolam competition was conducted and prizes were distributed for winners and participants. There were nearly 300 participants actively participated and the event was conducted in successful manner.



Completion of TBM tunnel drive in Phase 1 - break-through of last TBM at AG-DMS

A major milestone of the Chennai Metro Rail Project has been achieved as the last Tunnel Boring Machine in the project completes its 4.1 km tunnel drive and makes its breakthrough on 11th December 2017.

The S-704 Herrenknecht TBM is one among the 12 TBMs mobilized as part of Phase 1 tunnelling, and one among the 8 Herrenknecht TBMs utilized in the project. This is the last of the 32 break-throughs in Phase 1 and Phase 1 Extension.

With this TBM breakthrough, the complete tunnel in upline is available from Saidapet upto Washermenpet and all 44 sections of tunnels which form part of Phase 1 and Phase 1 Extension are now complete. The S-704 originally commenced its maiden drive in Chennai from the shaft at May Day Park with its launch in 18-Mar-2013. Till its breakthrough today, this TBM has since then endured drive in the mixed geological conditions in high water table conditions, halting of the TBM for almost 13 months on account of abandonment of the project by M/s.OJSC Mosmetrostroy in May 2015 and subsequent restarting by balance works contractor, making it one among the TBMs which has been in Chennai as part of the Chennai Metro Rail Project for the longest duration.

Since the launch of TBM from May Day Park and first breakthrough at Government Estate, the cutter head was last exposed for refurbishment in the temporary shaft constructed at Thousand Lights for intervention and now finally gets to see the day light with its retrieval in the AG-DMS North shaft.

Like its counterpart whose break-through was achieved on 18th October 2017, this tunnel boring machine also completed its drive across two underground stations, beneath the busiest arterial road of Anna Salai and beneath the Gemini Flyover with active traffic till date while crossing several buildings and also beneath five pedestrian subways along the route as well as completed the drive across one of the longest sections of continuous tunnel drive of 1.6 km to reach the North shaft of AG-DMS.

From here onward, the works to get the TBM out, cover up the shaft, complete balance cross passage works, clean up the tunnel and handover to the interfacing station contractor who will complete the works of stations, complete architectural detailing, and allow for laying track, installation of all critical electrical-signalling-telecommunication systems for proceeding to conduct trials, obtain necessary approvals and commence commercial operations.



Metro Retro - a celebration of Life

CMRL in association with Mohan Foundation organised an amusical evening with singers Ranjani & Gayatri on 3rd Dec 2017 at Vadapalani Metro Station. The event was conducted as part of celebrating 20 years of journey in giving the " Gift of Life" through Organ Donation by Mohan Foundation



Last Mile Connectivity

As part of providing last mile connectivity for metro passengers, passengers can now avail cycles on rent at Rs. 1.

44th TTDC Fair

CMRL has participated in the 44th India Tourist and Industrial Fair 2017 and has installed a pavilion at Island Grounds this year.



The pavilion features the mile stones and achievements and works in progress at various CMRL project sites during the year 2017-18.



Rangoli competition

On the eve of Pongal festival, CMRL in association with Mohan Foundation conducted Rangoli competition on 6th Jan 2018 at Thirumangalam Metro Station.

The competition was conducted for adults and students. Nearly 76 persons participated in the competition and created awareness on Organ Donation etc.

In the valedictory function, the first and second prize for adults category was given to six persons and for students category to six persons by the dignitaries.



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Published by :
Chennai Metro Rail Limited

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