



# CHENNAI METRO RAIL NEWS LETTER

VOLUME-VI ISSUE-8



## Chennai Metro Rail celebrates Independence Day.

Thiru. Pankaj Kumar Bansal, IAS, Managing Director of Chennai Metro Rail Limited hoisted the National Flag at CMRL premises on 15-8-2015 to mark the Independence Day Celebrations.



Thiru H.M Jayaram, IPS, IG of police along with officers & staff of CMRL and officials of GC participated in this celebration

### Thiru. Madhusudhan Prasad, I.A.S.,

Secretary  
Ministry of Urban Development  
Government of India &  
Chairman, CMRL

### Thiru. Pankaj Kumar Bansal, I.A.S.,

Managing Director

### Thiru. N.K. Kumar

CGM (TP& PR)

## CMRL - L&T Track team achieved 5 million safe man hours - ROSPA Award 2015

CMRL - L&T- Track work team has been awarded ROSPA award under GOLD category for the year 2015. Larsen & Toubro is executing Ballast less Trackwork Project of Chennai Metro Rail. ROSPA Gold Award (UK) is for Occupational Health & Safety, which showcases Excellent Occupational Health and Safety management systems and culture with a rigorous approach to occupational Health & Safety, maintaining high levels of compliance with control measures (evidence from active monitoring of performance) for principal risks.

ROSPA (ROYAL SOCIETY FOR PREVENTION OF ACCIDENTS) - UK, is an International body under the Patron of the QUEEN, is recognizing the best Companies across Globe for practicing Best Safety System every year. The team has been awarded the prestigious British Safety Council's Safety Award for achieving 5 million safe man hours.

Being workmen Intensive, precision activity oriented project, special emphasis is given for workmen training on safety. CMRL has taken lot of initiatives in implementing international safety standards in this project which is being executed in heavy traffic intensive road corridors.



### CHENNAI METRO RAIL LIMITED

"Admin Building " Chennai Metro Rail Depot  
PH Road, Koyambedu, Chennai - 600 107.

☎ 044-2379 2000  
✉ chennaietrorail@gmail.com  
🌐 www.chennaietrorail.gov.in



## Metro Notification

### UITP congratulates CMRL for inaugurating the first line of Chennai Metro Rail Services to public.

UITP (L'Union Internationale des transports publics) congratulates Chennai Metro Rail for opening the first stretch of 10 kms from Koyambedu to Alandur to public on 29th June 2015.

CMRL has been a member of UITP since 2011. UITP is a non-profit international association which supports a holistic approach to urban mobility and advocates for public transport development and sustainable mobility.

### Hyderabad Metro Comes Calling

A team from Hyderabad Metro Rail Limited (HMR) along with the Managing Director Thiru. N. V. S. Reddy and representatives of media visited Chennai Metro Rail on Sunday (16-08-15) to study the best practices at CMRL. Certain unique features of the project namely the multi modal integration was particularly appreciated. During the visit, the team saw the facilities of the Depot located in Koyambedu and rode the Metro Train to Alandur.



### National Leprosy Eradication Drive

CMRL - L&T SUCC JV (Tunnelling) organized National Leprosy Eradication Drive at vanagaram labour camp. This voluntary Leprosy Eradication Drive was organized in partnership with Primary health centre, thiruverkadu. Dr. Dharmalingam (Deputy Director of Medical Service (Leprosy), Thiruvallur District), Dr. Ramani (Incharge of Primary Health centre – Thiruverkadu ) and four Doctors from SRMC also participated. Around 800 workmen participated in this event.



# Trip Pass introduced

Due to the enormous response for Chennai Metro, to serve our customers better. CMRL introduces Trip Card which will be available to public with effect from 1st of September 2015.

★ INTRODUCING TRIP PASSES ★

## SPEND LESS! RIDE MORE

### REWARDING 20% OFF

We are overwhelmed by your response to Chennai Metro. To give back to our regular guests, we have introduced Refundable Trip Passes at Discounted rates. Now spend less and enjoy more rides.

### TRIP TICKETS

(For a pair of selected stations)

Description	Features
<b>Validity</b>	Starts from the date of 1st usage
<b>Types</b>	12 trips valid for 7 days 50 trips valid for 30 days 100 trips valid for 60 days
<b>Discount</b>	Value Fare will be calculated on the basis of trips with a discount of 20%.
<b>Deposit</b>	Refundable Deposit ₹50/-
<b>Refund</b>	Full unused trips of latest re-load + deposit shall be refunded on surrender of card within the period of validity of trips.
<b>Special Features</b>	<ul style="list-style-type: none"> <li>• Meant for regular commuters who travel between two fixed stations.</li> <li>• A single journey from the originating station to the destination station is a trip.</li> <li>• A bundle of trips say 12, 50 or 100 can be loaded into the card.</li> <li>• Balance trips and time period will be carried forward if reloaded within the validity period.</li> <li>• Reload is permissible for the same section and same number of trips.</li> </ul>

### TRIPS CARD FARE TABLE

#### 12 TRIPS VALID FOR 7 DAYS

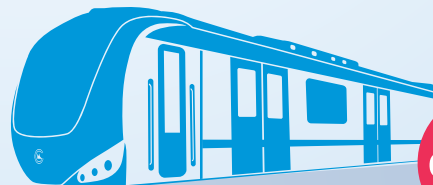
Station From / To	Alandur	Ekkatuthangal	Ashok Nagar	Vadapalani	Arumbakkam	CMBT	Koyambedu
<b>Alandur</b>	-	96	192	288	384	384	384
<b>Ekkatuthangal</b>	96	-	192	288	288	384	384
<b>Ashok Nagar</b>	192	192	-	96	192	288	288
<b>Vadapalani</b>	288	288	96	-	96	192	192
<b>Arumbakkam</b>	384	288	192	96	-	96	192
<b>CMBT</b>	384	384	288	192	96	-	96
<b>Koyambedu</b>	384	384	288	192	192	96	-

#### 50 TRIPS VALID FOR 30 DAYS

Station From / To	Alandur	Ekkatuthangal	Ashok Nagar	Vadapalani	Arumbakkam	CMBT	Koyambedu
<b>Alandur</b>	-	400	800	1200	1600	1600	1600
<b>Ekkatuthangal</b>	400	-	800	1200	1200	1600	1600
<b>Ashok Nagar</b>	800	800	-	400	800	1200	1200
<b>Vadapalani</b>	1200	1200	400	-	400	800	800
<b>Arumbakkam</b>	1600	1200	800	400	-	400	800
<b>CMBT</b>	1600	1600	1200	800	400	-	400
<b>Koyambedu</b>	1600	1600	1200	800	800	400	-

#### 100 TRIPS VALID FOR 60 DAYS

Station From / To	Alandur	Ekkatuthangal	Ashok Nagar	Vadapalani	Arumbakkam	CMBT	Koyambedu
<b>Alandur</b>	-	800	1600	2400	3200	3200	3200
<b>Ekkatuthangal</b>	800	-	1600	2400	2400	3200	3200
<b>Ashok Nagar</b>	1600	1600	-	800	1600	2400	2400
<b>Vadapalani</b>	2400	2400	800	-	800	1600	1600
<b>Arumbakkam</b>	3200	2400	1600	800	-	800	1600
<b>CMBT</b>	3200	3200	2400	1600	800	-	800
<b>Koyambedu</b>	3200	3200	2400	1600	1600	800	-





## Overview of Chennai Metro Rail Works

### Track Progress as on 31/08/2015 (ATA-01)

In corridor II from Chennai Central to St. Thomas Mount, Track work completed for entire elevated stretch of 24788m from Thirumangalam to St. Thomas Mount and all 27 turnouts have been completed. In corridor I from Washermanpet to Airport, Saidapet ramp to airport (elevated section), 12142m out of 18723 of plinth concrete completed. 18 out of 23 turnouts between Saidapet ramp to airport completed. Casting of scissor crossover work is in progress at Airport.

In underground section between Thirumangalam ramp to Shenoy Nagar, 2651m out of 4183m concrete completed in down line and up line work is in progress. In Depot, Track work completed for entire depot length of 14606m and 41 numbers of turnouts were laid.



### Progress of Depot work as on 31-08-2015

S.NO.	DESCRIPTION	STATUS OF WORK
1	Admin Building, Infrastructure shed, General store, Auxiliary sub stations, Canteen	Completed
2	Stabling shed	Crew booking office and roof sheeting works are in completion stage
3	Rolling stock shed	Final finishing works in progress
4	Effluent Treatment Plant	Civil works substantially completed, mechanical works are in progress
5	Under Ground Services	Cover slab works in progress
6	Compound wall	Completed except near to the entrance area; 98% completed
7	Road works	Subgrade preparation completed, final layer completed for 1.5 km out of 3 Km



Depot View

## Progress of civil works in Elevated Sections as on 31-8-15

### Progress flyover work at Vadapalani



Vadapalani Flyover work in progress

Item	Total Nos	Completed Nos
Pile	146	141
Pile caps	33	30
Piers	33	27

### Progress from Nanganallur Road to Airport

Item	Total No's	Completed No's
Open foundation	Completed	Completed
Pier	Completed	Completed
Cut & Cover ramp excavation	84,500 cum	79,528 cum
PCC	2,800 cum	2,688 cum
RCC works	21,000 cum	19,858 cum
Span erection	107	79
Portal beam	26	24



Near Airport

## Meet our Riders

CMRL along with Lions Club of Chennai MP Manivannan organized a "Joy Ride" on the Metro Rail for 60 students along with their teachers of Dr. MGR Memorial Nursery & Primary School, Perungalathur from Alandur to Koyambedu on 19-08-15.

The President & other chair persons of the lions club were also present during the occasion. The students were thrilled with the metro experience





# Progress of works in Under Ground Sections

Name of Work	Status of the Work
<p><b>UAA 01</b></p> <p>Washerment Metro, Mannadi, High Court, Central Metro and Egmore Metro and May Day Park</p>	<ul style="list-style-type: none"> <li>• <b>Washerment Metro Station</b> : 251m out of 314m roof slab completed. 251m out of 314m concourse slab completed. Ancillary building Ground floor slab construction in progress. Architectural finishing works in progress at Station &amp; Entry Exit. 37 out of 164 OTE duct erection completed. Vent shaft above ground structure construction in progress.</li> <li>• <b>Mannadi Station</b> : Architectural works in progress. Ancillary building retaining wall construction in progress.</li> <li>• <b>High Court Station</b> : 205 out of 231 diaphragm wall panels for Entry / Exit structures Completed. ES 01, ES 04 Roof slab construction in progress. ES-02, ES-06 and VS 06 excavation works in progress. Architectural works in progress.</li> <li>• <b>Central Metro Station</b> : 350m out of 384m roof slab completed. 140m out of 384m concourse slab completed. Rock bolting in progress at High Court side shaft. Station box - Roof, Concourse and upper track slab excavation in progress. Ancillary building piles and excavation works in progress.</li> <li>• <b>Egmore Metro station</b>: Ancillary Building construction in progress Architectural &amp; MEP works in progress.</li> </ul>
<p><b>UAA 02</b></p> <p>Government Estate, LIC and Thousand Lights</p>	<ul style="list-style-type: none"> <li>• <b>Government Estate Station</b> :48 m of roof slab for Entry "B" &amp; 12m for Entry "A" completed. Block works, platform wall&amp; slab works are under progress.</li> <li>• <b>LIC Station</b> : Block works &amp; Top slab under progress at Concourse level.</li> <li>• <b>Thousand Lights Station</b> : Ancillary building footing works are completed &amp; columns are cast and Utility gallery works is under progress.</li> </ul>
<p><b>UAA 03</b></p> <p>AG-DMS, Teynampet, Nandanam and Saidapet Metro</p>	<ul style="list-style-type: none"> <li>• <b>AG – DMS Station</b> : All 33 plunge columns, 22 no's of diaphragm wall panels of Entrances, 81.50m of concourse slab and 17.30m of Base completed.</li> <li>• <b>Teynampet Station</b> : 70 no's of diaphragm wall panels of Entry / Exit structure and all 230 m of Roof Slab and 40m of Concourse Slab completed.</li> <li>• <b>Nandanam Station</b> : 232 m of Roof Slab (west side) and 146.60m on east side and 28.60 m of Concourse Slab completed.</li> <li>• <b>Saidapet Station</b> : 50 no's of diaphragm wall panels of Entrances completed.</li> <li>• <b>Saidapet Ramp</b> : 149 m Base Slab and 44 m Roof Slab completed.</li> </ul>
<p><b>UAA 04</b></p> <p>Nehru Park, Kilpauk and Pachaiyappa's College.</p>	<ul style="list-style-type: none"> <li>• <b>Nehru Park Station</b> : 830 m UPE wall and 1970 Sqm platform slab casted. 22 Nos D wall panels completed in Entry-C, 16nos D'wall panels in Entry-A and 10 panels in Entry B completed.</li> <li>• <b>Kilpauk Station</b> : First floor slab shuttering and block work in progress at Ancillary building. Excavation in progress at Entry-C.</li> <li>• <b>Pachaiyappa's College</b> : OTE duct erection in progress . 2nd stage RC wall and column work in progress at Ancillary building.</li> </ul>
<p><b>UAA 05</b></p> <p>Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam</p>	<ul style="list-style-type: none"> <li>• <b>Shenoy Nagar Station</b> : Ancillary building work in progress. 95 No's of OTE ducts erected. Architectural work in progress.</li> <li>• <b>Anna Nagar East Station</b> : 126 out of 147 D wall panels completed for Entry / Exit structures 76m roof slab completed in Entry/Exit 04. Ancillary building works in progress. 150 No's of OTE ducts erected. Architectural work in progress.</li> <li>• <b>Anna Nagar Tower Station</b> : 22m Base slab completed in ES-02 OTE ducts erection completed in main station. Architectural work in progress.</li> <li>• <b>Thirumangalam Station</b> : 60m base slab completed in Entry / Exit-02. Ancillary building work in progress. All OTE ducts erected in main station box. Architectural work in progress.</li> <li>• <b>Thirumangalam Ramp</b> : Completed. All 8 Cross passages completed.</li> </ul>



Work in progress at Washerment Station



Work in progress at High Court Station



Work in progress at Nehru Park Station



Work in progress at Kilpauk Station



Work in Progress at Pachaiyappa's Station



Work in progress at Shenoy Nage Station



Work in progress at Anna Nagar Station

## Chennai Metro gets its first Woman Chief Security Officer



Tmt K. Bhavaneeswari, Superintendent of Police assumed charges on 3rd August 2015 as the First Woman Chief Security Officer in CMRL. She will be in charge of providing safety and security to the Access Control and the assets of the Metro Rail, besides carrying out the anti-terror drill and anti-sabotage check. Tmt K. Bhavaneeswari served earlier as deputy commissioner of police, Kilpauk, Chennai city and also as Superintendent of Police of 'Q' branch before assuming charges in CMRL. She has also efficiently handled duties in CB-CID, vigilance and anti-corruption and also city law and order. She had also received the prestigious excellence in investigation medal from the Honorable Chief Minister of Tamil Nadu in 2007. Chennai Metro Rail Limited (CMRL) being a rapid transit system and a prominent infrastructure of the Chennai City is a rewarding one for the Chennai commuters.



### Safety comes first for CMRL:

CMRL has taken lot of efforts in ensuring the safety and security of the Passengers, Trains, Employees, Metro Stations and Depot. Security is based on prevention and prevention begins with design. The design strategies along with security technology were clubbed effectively by CMRL to achieve mobility, safety and security. Credible security technology has been put in place in CMRL where the Metro Stations and Depot are fully covered by CCTV cameras, Access Control and Intrusion Detection Systems. To have a holistic approach towards an infallible security, Tamil Nadu Police has taken up the Surveillance and Guard Duty at Metro Stations and Depot. Various kinds of specific trainings are being imparted to Tamil Nadu Special Police with regard to the Metro Security. All the best practices in the field of security would be adopted to ensure that CMRL is the safest and secure Metro Rails in the world. This mixture of design strategies, security technology and policing along with the customer cooperation would ensure our Moto "The Safe & Secure CMRL".

## Rolling Stock work progress - Aug 2015

The total order quantity for design, manufacture, supply, testing and commissioning of trains from Alstom Transport is 42. Out of which 9 trains are imported from Alstom, Brazil and remaining 33 trains are being delivered from Alstom Factory set up at Sricity, Andhra Pradesh as a measure of promoting indigenization and technology transfer of Metro train manufacture.



### Trains delivered to depot

A total of 25 trains including the 9 trains of import category, have been delivered to CMRL Koyambedu Depot.

### Trains under testing at CMRL facility

- Trains 10 to 17 have completed all tests in Depot and Mainline.
- Trains 18 to 25 are under various stages of static inspection, tests in Depot and Mainline.

### Trains commissioned and conditionally accepted by CMRL

- Nine trains have been issued with completion certificate and seven among these nine trains have been conditionally accepted by CMRL in June 2015.
- The accepted 7 trains are put under revenue service of Stage-1 section of

CMRL from June 2015. Maintenance activities on these 7 trains are carried out by CMRL Rolling Stock Maintenance Team and the warranty obligation is done by the contractor.

### Trains under manufacturing at Sricity:

- The trains 26 and 27 have been cleared for dispatch, based on the completion of the tests / checks for the trains. It is planned that the trains will be delivered to depot on the 2nd of Sept 2015.
- The trains 28 and 29 have completed all Routine Static tests at Alstom factory, Sricity and final inspection for dispatch is under progress. These trains also will be delivered to CMRL in a week's time.
- Trains 30 to 35 are under various stages of production, as per the schedule, at Alstom factory, Sricity.



## Progress of Elevated Station Works as on 31-8-2015



Little Mount Station



Guindy Metro Station



Nanganallur Station



St. Thomas Mount Station

S. No	Stations Description	Guindy Metro		Nanganallur Road		ST Mount Metro	
		Total Nos	Completed	Total Nos	Completed	Total Nos	Completed
1	Pile cap	Completed		13	13	Completed	
2	Stub column	76	67	56	48	205	190
3	Plinth beam at street level (mt)	800	750	420	390	3900	3750
4	Footings	63	62	39	37	Completed	
5	Column above tie beam	94	85	53	47	228	209
6.	Concourse level slab	2237	2050	1990	1500	11840	9900
7	Platform Level	Completed		1000	920	completed	
8	Roof Slab	1000	600	550	480	NA	NA
9	Column above platform	NA	NA	32	28	NA	NA

NA- Not Applicable

## Rotary Club of Midtown visits Chennai Metro Rail

The Members of the Rotary Club of Midtown visited the Chennai Metro Rail Admin building on 01-08-15. Thiru N. K. Kumar, CGM (TP / PR) presided over the meeting and the members also went on a ride on the metro train from Koyambedu to Alandur.





## Other Activities at CMRL

### Flash Mob dance on Women Empowerment & Rain Water harvesting at Koyamebdu Station.



In order to spread a message of women empowerment and saving water through rain water harvesting, the students of Chinmaya Vidyalaya, Virugambakkam performed a fun flash mob dance at Koyambedu Metro Station. CMRL welcomes such initiatives that promote social and environmental awareness.

### Madras Bulls rides to Chennai Metro



As part of the Madras day celebrations, the Madras Bulls' riders of Chennai visited the Chennai Metro Rail office. The riders were given a presentation on Chennai metro and were also given the opportunity to visit the Operational Control Centre of CMRL. They later boarded the Metro Train from Koyambedu to Alandur.

### NSS Volunteer Students of DG Vaishnav College Awarded for "Traffic Management and Customer Guidance Support"



A huge response of the public was seen in the initial stage of inauguration of metro services. To serve the Chennai public better NSS Volunteers of DG Vaishnav College were appointed to guide the public through the AFC gates and respective platforms towards their desired destinations. 222 students of DG Vaishnav College had actively participated in all the metro stations from Koyembadu to Alandur metro station in the customer guidance assisting CMRL for a period of two weeks. As a token of appreciation for their efforts in customer guidance, Certificates are awarded over to the 222 students by Thiru N. K. Kumar, CGM (TP & PR).

### Meet the new members of our Chennai Metro Family

**Tmt. K. Bhavaneeswari**  
Chief Security Officer

**Thiru. Yasin Monnan Mohamad**  
Additional General Manager (UG)

**Thiru. Sankaramurthi A.**  
Joint General Manager  
(Signal)

**Thiru P. Murugesan**  
Public Relations Officer

## Vigilance Corner

### ESSAY COMPETITION - "Positive contribution to fight against corruption"

As a part of preventive Vigilance measure, Vigilance Division conducted an Anti-Corruption Essay Competition in CMRL to create better Vigilance awareness among all the employees. The employees submitted an essay in 500 words. The Topic for essay was "Positive contribution to fight against corruption - a road map to Good Governance".

The following employees are the winners of the essay competition. The winners portrayed the ill effects of corruption and brought out valuable points to eradicate corruption

- 1st prize - Smt. S. Sasikala, PS to DRO Emp. No. 1005
- 2nd prize - Sri. S. Shatik Ali, Exec (DC) EMP. No. 1152
- 3rd prize - Sri. T. Sampath Kumar, Asst Manager (Accts) EMP. No. 1121
- Three consolation prizes
  - Sri. R. Mohan Sundaram, Sup dt DRO sect, EMP. No. 1071
  - Sri. A. Ravi Chandra Deputy, Est offr EMP. No. 1096
  - Sri. S. Senthil, Asst Manager (DC) EMP. No. 1148

Editor :

**Thiru. N. K. Kumar**  
Chief General Manager (TP& PR)

Sub-Editor :

**Thiru. Murugesan, PRO**  
**Selvi. Shruti Shambavi. R, AM-PR**

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Please address all correspondence to:

**The Editor,**

Chennai Metro Rail News Letter,  
Chennai Metro Rail Limited,  
"Administration Building",  
CMRL Depot, Poonamallee High Road,  
Koyambedu, Chennai - 600 107.  
chennaiemtorail@gmail.com