



CHENNAI METRO RAIL NEWS LETTER

VOLUME-VIII ISSUE-10



Trail Run conducted between Little Mount and Nanganallur Road on 16.10.15.

Trail Run between Little Mount station and Nanganallur Road in the elevated corridor of CMRL was conducted for a total distance of 4 kms. The test train entered the service loop connecting corridor 2 to corridor 1 at 8:30 am and reached Little Mount Station of Corridor 1 at 9:15 am.

The trails will be conducted for a few months and will test the signaling systems, electrical traction, oscillation of tracks and functioning of trains. MD, CMRL along with Director (Project) and officials of CMRL and GC were present during the Trail Run.



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Trial run between Thirumangalam Ramp to Anna Nagar Tower Station on 17.10.2015

1. TRIAL with OHE Inspection Wagon was conducted from Thirumangalam Ramp to Anna Nagar Tower Station in the down line with necessary Pooja performed at the Thirumangalam Ramp. It is entirely underground with 2Km of tunneling & covering two underground stations, namely Thirumangalam and Anna Nagar Tower.
2. The inspection was headed by the MD/CMRL along with Director (Project), senior officers of CMRL, General Consultants along with the agencies which carried out Tunneling and Station work, Track works, & other System works.
3. During the inspection, following aspects were checked:
 - a. Quality of Civil, Electrical and other systems work like Signalling work etc.
 - b. Quality of Track work with respect to dimensions and oscillations and electrical Traction works.
 - c. Platform screen doors works at Thirumangalam station.
 - d. Thirumangalam & Anna Nagar Tower underground station works.
 - e. Schedule of Dimensions & other safety related works.
4. These trials & inspections will be continued for several months. These Trails and inspections will cover more and more stretches and more systems and also both down and up lines progressively to cover from Koyambedu up to Nehru Park (about 8.5 Kms).



Once Electrical Traction works are progressively completed, Trails and inspection will be conducted through the normal Metro Rail Trains.

CMRL Activities

Mock fire drill conducted at Metro stations.

A Mock Fire Drill and Hands on Training on Fire Safety system for local fire station was conducted by CMRL assisted by Tamil Nadu Fire and Rescue Services. TNFRS team appreciated the emergency voice alarm EVACUATION procedures in these elevated stations (CMBT, KOYAMBEDU, ARUMBAKKAM, ASHOK NAGAR, EKKATUTHANGAL and ALANDUR)

The FIRE Team and Station staff operated the fire hydrant and HOSE REEL system in the above stations successfully at 4 BAR pressure. With proper announcement, drill was completed in few minutes without any disturbance to commuters. Mock Fire Drills are routinely conducted for upkeep of Fire Safety Systems at CMRL Metro Stations



133 Thiruvalluvars take up Thiruvalluvar Metro Rail Journey

A group of 133 students from VGP Philomena Matriculation School, Chennai representing 133 Thirukural chapters dressed like Thiruvalluvar carrying Thirukural books traveled in metro rail between Alandur and Koyambedu along with Teachers and officials of VGP Ulaga Tamizh Sangam. The event was conducted to popularize Thirukural among public.



Private Security Staff trained by Police Officials

All private security staff deployed at CMRL were given training by Police officials for performing Access Control duties. Soft skills training were also imparted to the group to equip them for doing Access Control duty effectively.



Overview of Chennai Metro Rail Works

Track Progress for the month of October 2015 (ATA-01)

CORRIDOR-I:

In Elevated section between Saidapet ramp and Airport, 14627m plinth concrete has been completed out of 18723m and 19 out of 23 turnouts have been laid so far. Casting and finishing of scissor cross over at Airport has been completed.

CORRIDOR-II:

Between Thirumangalam and St. Thomas Mount, Track work has been completed for entire elevated stretch of 24788m track length with 27 turnouts.

In the underground section, Track work is in progress between Thirumangalam ramp to Egmore. 6340m out of 19888m plinth concreting work completed and 2 turnouts were completed out of 12 turnouts. Castings of scissor cross-over in progress at Shenoy Nagar station and balance track work in progress.

Depot:

Track work completed for entire depot length of 14606m and 41 numbers of turnouts were laid.



Finished track slab at tunnel between Thirumangalam to Anna Nagar



Slab Reinforcement work in progress at tunnel section



Track alignment made ready for slab concrete in tunnel

Dr C.L. Metha Sishya OMR School students visit CMRL

A team of 120 students and teachers from Dr C.L. Metha Sishya OMR School visited CMRL as part of their educational trip.

The enthusiastic team travelled from Alandur station to Koyambedu Metro Station and reached CMRL Admin Building on 1st of October. As part of their learning experience, they were also given the opportunity to view the heart of CMRL - the OCC Gallery.



Progress of civil works in Elevated Sections as on 31.10.15

Progress flyover work at Vadapalani

Item	Total Nos	Completed Nos
Pile, Pile caps Piers	Completed	Completed
Pier Caps	33	24
I Girder Casting	78	62
I Girder Erection	78	33
Deck Slab	29	1



Deck slab preparation is in progress at Vadapalani Flyover

Progress from Nanganallur Road to Airport

Item	Total Nos	Completed No's
Open Foundation	Completed	Completed
Pier, Cut & Cover Ramp Excavation	Completed	Completed
Pcc, Portal Beam	Completed	Completed
Rcc Works	21,000 cum	20,940 cum
Span Erection	107	93



Cut and Cover work completed at Nanganallur Road to Airport Viaduct

Progress of Depot work as on 31.10.2015

S.NO.	DESCRIPTION	STATUS OF WORK
1	Stabling Shed, Rolling Stock Shed, Road Works	Completed
2	Effluent Treatment Plant	Civil structural works are in progress
3	Under Ground Services	Cover slab works in progress, trenches are completed
4	Compound Wall	Completed except near to the entrance area; 99% completed



Depot View

Progress of works in Under Ground Sections

Name of Work	Status of the Work
UAA 01 Washermenpet Metro, Mannadi, High Court, Central Metro, Egmore Metro and May Day Park	<ul style="list-style-type: none"> • Washermenpet Metro Station : 251m out of 314m roof slab completed. 251m out of 314m concourse slab completed. Ancillary building Ground floor slab completed. Architectural finishing works in progress. Entry Exit D wall 116 / 117 completed. • Mannadi Station : Architectural works in progress. Ancillary building retaining wall in progress. • High Court Station : 215 out of 231 diaphragm wall panels for Entry / Exit structures Completed. ES-02 base slab work in progress and ES 06 excavation works in progress. Architectural works in progress. • Central Metro Station : Rock bolting in progress at High Court side shaft. Station box - Roof slab and upper track slab excavation in progress. Rippon building 36m out of 80m base slab completed. Ancillary building piles and excavation works in progress. VS 06 - Above ground structure construction completed. • Egmore Metro Station : Architectural works & MEP works in progress.
UAA 02 Government Estate, LIC and Thousand Lights	<ul style="list-style-type: none"> • Government Estate Station : 48 m of roof slab for Entry "B" & 12m for Entry "A" completed. Block works, platform wall & slab works are under progress. • LIC Station : Block works & Top slab under progress at Concourse level. • Thousand Lights Station : Ancillary building footing works are completed & columns are cast and Utility gallery works is under progress.
UAA 03 AG-DMS, Teynampet, Nandanam and Saidapet Metro	<ul style="list-style-type: none"> • AG - DMS Station : All 33 plunge columns, 22 no's of diaphragm wall panels of Entrances, 81.50m of concourse slab and 17.30m of Base completed. • Teynampet Station : 70 no's of diaphragm wall panels of Entry / Exit structure and all 230 m of Roof Slab and 40m of Concourse Slab completed. • Nandanam Station : 232 m of Roof Slab (west side) and 146.60m on east side and 28.60 m of Concourse Slab completed. • Saidapet Station : 50 no's of diaphragm wall panels of Entrances completed. • Saidapet Ramp : 149 m Base Slab and 44 m Roof Slab completed.
UAA 04 Nehru Park, Kilpauk and Pachaiyappa's College.	<ul style="list-style-type: none"> • Nehru Park Station : 850m UPE wall and 2200Sq m platform slab casted. 18nos. D'wall panels in Entry-A and 10 panels in Entry B completed First floor slab staging & shuttering work in progress. • Kilpauk Station : 860 UPE wall casted. Roof slab rebar work in progress at Entry-C. • Pachaiyappa's College : OTE duct erection work in progress. Block work & plastering at ancillary building work in progress. Excavation in progress at Entry "C" • Cross Passage Work : 6/11 nos of Cross Passages have been completed. Grouting work in progress at remaining 2 cross passages.
UAA 05 Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam	<ul style="list-style-type: none"> • Shenoy Nagar Station : Architectural and MEP works in progress False ceiling and raised floor works in all the system rooms in progress. Chiller plant installed. Above ground structure construction in progress. • Anna Nagar East Station : Four entry exit structure civil works nearing completion. SWC Room works in progress. MEP and Architectural finishes work in progress. • Anna Nagar Tower Station : False ceiling and raised flooring in SWC rooms in progress. Three Entry exit structural works nearing completion. Chiller plant installed. Above ground structure in progress. Architectural and MEP works in progress. • Thirumangalam Station : False ceiling and raised flooring in SWC rooms in progress. Four Entry exit structural works nearing completion. Chiller plant installed. Above ground structure in progress. Architectural and MEP works in progress. • Thirumangalam Ramp : All structural works completed, final restoration work in progress.



Ancillary Building work in progress at Shenoy Nagar Station



Ancillary building work in progress at Nehru Park Station



Work in progress at Anna Nagar East Station



Work in progress at Central Metro



Work in progress at Egmore Metro

Rolling Stock work progress - Oct 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 29 trains including the 9 trains of import category, have been delivered to CMRL Koyambedu Depot.

Trains under testing at CMRL facility:

All nine trains in the import category from Alstom, Brazil have been delivered to the Koyembedu depot and have completed static inspection followed by all major type and routine tests in depot and mainline.

The first twenty (Train No. 10 to 29) Sricity manufactured trains are delivered to CMRL Depot.

- Trains 10 to 19 have completed Rolling Stock tests in Depot and Mainline.
- Trains 20 to 29 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:

- Trains 30 & 31 have completed all Routine Static test at Alstom factory Sricity and final inspection for dispatch is under progress.
- Production activities on Trains 32 to 33 have completed and internal routine static testing by Alstom at Sricity factory is under progress.
- Trains 34 to 38 are under various stages of production as per the schedule at Alstom factory, Sricity.

Awards / Rewards:

- The Rolling Stock Employee of the Month was awarded to Mr. G. Vishnu Perumal, Technician / Mechanical, for his contributions towards testing and commissioning Automatic Train wash plant, efficient management of facility management system, managing contract for depot and train interior cleaning activities and was an effective member in Rail Road Vehicle mock drill activities.
- 11 employees of Rolling stock team had performed a skit on anti-corruption on 30th Oct 2015, on the theme "Preventive Vigilance as a tool for good Governance" as part of the vigilance awareness week. The team have been given appreciation certificates. Director (S&O), CMRL has announced a cash award for their outstanding performance.



Progress of Elevated Station Works as on 31.10.2015



Airport Station



Little Mount Station



Meenambakkam 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		Completed		Completed	
2	Stub column	76	70	56	50	205	200
3	Plinth beam at street level (mt)	800	770	420	400	3900	3800
4	Footings	63	62	39	37	Completed	
5	Column above tie beam	94	87	53	47	228	210
6	Concourse level slab	2237	2200	1990	1700	11840	11000
7	Platform Level	Completed		1000	940	completed	
8	Roof Slab	1000	700	550	490	NA	NA
9	Column above platform	NA	NA	32	28	NA	NA

NA- Not Applicable



Nanganallur Station



St. Thomas Mount Station

Vigilance Week Celebrations at CMRL

Central Vigilance Commission, the apex body of vigilance of the country announced the observance of vigilance awareness week celebration 2015 from 26th Oct 2015 to 31st Oct 2015 with the theme **"Preventive Vigilance as a tool of Good Governance"**.

Vigilance Awareness Pledge

To mark the occasion, Vigilance Awareness pledge was administered by MD, CMRL along with the Directors, CGMs and all officials and staff of CMRL on 26.10.15. Vigilance division of CMRL in its Endeavor to promote greater awareness among employees had released an Anti-corruption Vigilance Awareness Bulletin by MD /CMRL.



Essay Competition for students at Kendriya Vidyalaya.

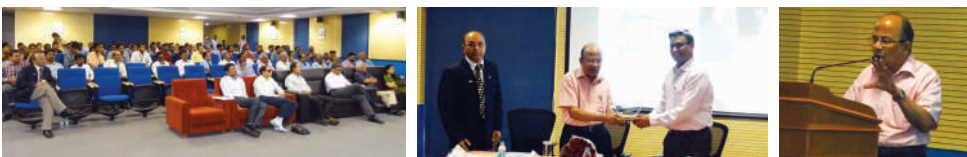


An essay competition was conducted for the students at Kendriya Vidyalaya, Anna Nagar on 29.10.15. The topic for essay competition was "Best practices to stop Corruption for a better & Transparent Governance". Several students from class 10th to 12th participated in the competition with enthusiasm and prizes were distributed for the winners.

Seminar on Good Governance

To emphasis the importance of this year's theme on "Preventive Vigilance as a tool of Good Governance", CMRL invited Padma Bhushan Thiru N Vittal, IAS., (Retd), Former Central Vigilance Commissioner as the Chief Guest who gave an enriching seminar on Good Governance on 31.10.15. MD, CMRL along with Directors and all officers and staff of CMRL participated in this seminar.

As part of Vigilance week celebrations, Posters and banners promoting Anti-corruption was displayed at prominent locations of CMRL Admin Building and all Metro stations.



Prize Distribution - Anti-Corruption Essay Competition

Vigilance department had conducted an essay competition with the title "Positive contribution to fight against corruption - a road map to Good Governance" as part of its endeavor to promote Good Governance among CMRL employees.

MD, CMRL facilitated the awards to the winners during the Vigilance week celebrations.



1st Prize
Tmt S. Sasikala
PS to DRO & LO



2nd Prize
Thiru E. Shahubar Shathik Ali
Exec (DC)



3rd Prize
Thiru T. Sampath Kumar
Asst Manager (Accts)

Skit on "BE THE CHANGE"



Vigilance Department of CMRL organized a skit program performed by 11 staff employees of Rolling Stock Department, CMRL. The title of the skit was "BE THE CHANGE". The play depicted the various corrupt practices prevailing in various offices and establishments of the society and the ill-effects of corruption and its consequences. The skit emphasized the importance of **"Honesty & Transparency"**.

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Three Consolation Prizes

Thiru R. Mohansundaram, Asst (LA & Social Dir)
Thiru A. Ravichandran, Deputy Est. Officer
Thiru S. Senthil, Asst Manager (DC)