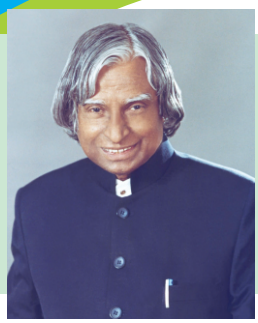
JULY 2015

CHENNAI METRO RAIL
NEWS LETTER

VOLUME-V ISSUE-7



HOMAGE

Chennai Metro Rail pays homage to a real Bharat Ratna - Former President Dr. A P J Abdul Kalam. An irreplaceable loss to the nation. Our condolences to the Family and the Nation.

CHENNAI METRO SERVICE NOTIFICATION

Timings notifications for train operations on Sundays.

With effect from 19th July 2015, the schedule of train operations on Sundays are as follows:

The 1st service will commence in both directions from Alandur Metro and Koyambedu Metro at 8:00 hrs. The last train will continue to leave Alandur and Koyambedu at 22:00 hrs.

This schedule will remain in force until further notice.

Overview of Chennai Metro Rail Works

Track work progress as on 31.07.15

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 were laid. Track finishing work in progress at St. Thomas mount Platform.

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

In corridor I from Washermanpet to Airport, plinth concrete completed for a length of 11151m from Saidapet ramp to Nanganallur road and Airport to Nanganallur road Track work in progress.14 turnouts were laid out of 23 turnouts and track finishing completed between Saidapet ramp and Nanganallur road.

Track works between Thirumangalam and Shenoy Nagar in underground section is in progress and concrete laid for the length of 1767m.

Track finishing work completed between Saidapet Ramp and OTA

Plinth concrete completed at Thirumangalam station

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Public notification for Metro Services From 1st of August 2015 - New Time Table

With effect from 1st August 2015, the schedule of train operations are as follows,

A. The first train will continue to start from Koyambedu and Alandur at 6 am on all days except Sundays. On Sundays, train services will commence at 8.00 hrs.

B. The last service will continue to leave Koyambedu and Alandur at 22.00 hrs.

C. Trains will operate with headway of 15 min. throughout the day except during peak hours wherein they will run at 10 min intervals.

D. The morning & evening peak hours are as follows: Morning peak hours - 9.00 to 11.00 hrs.

E. Evening peak hours - 17.00 to 20.00 hrs.

This schedule will remain in force until further notice.

"District toppers ride the Metro"

To celebrate and honor the district toppers achievement in 10th and 12th public examinations. The 95 students were brought by Raj TV (Mudhalvan Awards) for a surprise joy ride from Alandur Metro Station to Koyambedu on 25-07-15. The students were thrilled with the metro experience.

Progress of Depot work as on 31-7-2015

Rolling Stock shed

Admin Building

Depot View

S.NO.	DESCRIPTION	STATUS OF WORK
1	Stabling Shed	Concrete works such as pile, pile cap, columns are completed; Hydraulic Bound layer works in all the 12 lines is completed; Crew booking office is in completion stage; Roof sheeting works are in progress; Washing line - works completed.
2	Rolling stock shed	Pile, pile cap, columns are completed; Pit works in the inspection line are completed; Finishing works completed; Major and Minor machineries are commissioned; final finishing works in the Inspection line 1 & 2 in progress, inspection platform works are completed.
3	Effluent Treatment Plant	Civil structural works are in progress.
4	Under Ground Services	Cover slab works in progress, trenches are completed.

Progress of civil works in Elevated Sections as on 31-7-15

Vadapalani Station

Ashok Nagar Station

Progress flyover work at Vadapalani

Vadapalani Flyover work in progress

Item	Total Nos	Completed Nos
Pile	146	141
Pile caps	33	30
Piers	33	24

Progress from Nanganallur Road to Airport

Item	Total Nos	Completed Nos
Open foundation	Completed	Completed
Pier	Completed	Completed
Cut & Cover ramp excavation	1,02,001 cum	1,01,540 cum
PCC	2113 cum	1386cum
RCC works	23610 cum	20212 cum
Span erection	88	60
Portal beam	26	22

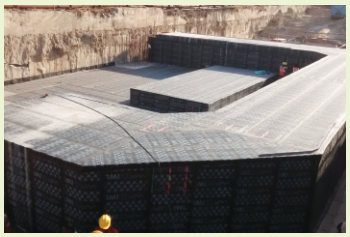
Alandur Station

Progress of works in Under Ground Sections

Name of Work	Status
UAA 01 Washermenpet Metro, Mannadi, High Court, Central Metro and Egmore Metro and May Day Park	• **Washermenpet Metro station** : 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. Entry Exit D wall 105/117 Completed. • **Mannadi station** : Architectural works in progress. Ancillary building retaining wall in progress. Utility gallery walls completed. ES-02, ES 01 roof slab completed. • **High Court station** : 205 out of 231 diaphragm wall panels for Entry / Exit structures Completed. ES-02 and VS 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 in progress • **Egmore Metro station** : Utility gallery Construction in progress Architectural works in progress.
UAA 02 Government Estate, LIC and Thousand Lights	• **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	• **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 Pachaiappa's College.	• **Nehru park station** : 740 m UPE wall and 1580 Sqm platform slab casted. 22 Nos D wall panels completed in Entry-C, 7nos. D'wall panels in Entry-A and 10 panels in Entry B completed. OTE duct erection in progress (126/188). • **Kilpauk Station** : Ground floor slab casted and footing work in progress at Ancillary building. OTE duct erection completed (187/187). • **Pachiappa college** : OTE duct erection in progress (160/182 Nos.). 2nd stage excavation and first floor column work in progress at Ancillary building.
UAA 05 Shenoy Nagar, Anna Nagar East, Anna Nagar Tower and Thirumangalam	• **Shenoy Nagar station** : Ancillary building work in progress. 19 No's of OTE ducts erected. • **Anna Nagar East station** : 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. Various room construction in progress in station box. 7 No's of OTE ducts erected. • **Anna Nagar Tower station** : 97 out of 109 D wall panels for Entry / Exit structures completed. Ancillary building work in progress. 50m roof slab completed in Entry / Exit-03. • **Thirumangalam station** : Ancillary building work in progress. Various rooms has been completed in Main station box. All OTE ducts erected in main station box. • **Thirumangalam Ramp** : Completed. All 8 Cross passages completed.

Work in progress at Egmore station

Work in progress at Mannadi station



Work in progress at Nehru Park station

Work in Progress at Thirumangalam Station

Work in progress at Anna Nagar East station

Rolling Stock progress as on 31-7-2015

Progress in manufacturing of trains in Lapa

- All nine trains in the import category from Alstom, Brazil have been delivered to the Koyambedu depot.
- Trains 1 to 9 has completed static inspection followed by all major type tests and tests of non-regression, in depot static, depot-test track and dynamic routine tests in mainline.

Transfer of Technology and Progress in production of trains in India

Trains delivered to depot

- Construction activity of the new factory in Sri City is completed and production of trains is progressing as per target.
- The first sixteen (train No. 10 to 25) Sricity manufactured trains are delivered to CMRL Depot.
- Trains 10 to 18 has Completed all tests in Depot & Mainline.
- Trains 19 to 25 are under various stages of static inspection, tests in Depot and Mainline.

Trains under manufacturing

- Train 26 has completed all Routine Static test at Alstom factory Sricity and final inspection for dispatch is under progress. The despatch from Alstom factory, Sricity will be done based on completion of the inspection and clearance by Employer's Representative.
- Trains 27 is undergoing Routine Static test in Alstom factory, Sricity.
- Trains 28 to 32 are under various stages of production as per schedule at Alstom factory, Sricity

Taking over of trains by CMRL

Trains 03, 04, 05, 12, 13, 14 & 15 are taken over by CMRL and utilized for passenger operation of Stage 1 (from Koyambeu to Alandur).

Progress of Elevated Station Works as on 31-7-2015

Little Mount, Meenambakkam and Airport stations all structural works completed, block work, plastering and roof structural works in progress. MEP and fire fighting works in progress.

Little Mount station

Guindy Metro staion

OTA station

St Thomas Mount Metro station

	Stations	Guindy Metro		Nanganallur Road		ST Mount Metro	
S. No	Description	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	680	420	380	3900	3750
4	Footings	63	59	39	37	217	213
5	Column above tie beam	94	70	53	45	228	207
6.	Concourse level slab	2237	1900	1990	1300	11840	9700
7	Platform Level	NA	NA	1000	900	completed	
8	Roof Slab	NA	NA	550	480	NA	NA
9	Column above platform	NA	NA	32	24	NA	NA

NA– Not Applicable

Meet our Riders

"10 Lakh satisfied metro riders on the first month of Metro operation".

CHENNAI: The whole coach shook with nervous excitement as the train took a sharp bend, curving along the steep track. Gasps and pointed fingers followed as a 10-year-old nudges her friends, pointing to the city skyline littered with familiar billboards and apartments that vanish in seconds. 'Next stop: Arumbakkam' a voice boomed overhead, but the children seemed to pay no heed.

As the doors beeped open, two saree-clad women kept the masses of yellow in check to see if there were any daring limbs poking out of the doors, or running about causing a ruckus. But the children were too awestruck by the scenery and the sight of another blue-train arriving on the opposite side.

Less than minutes ago, the 57 kids from MGR School for Deaf and Dumb had entered the Alandur CMRL station in a neat line. But a keen eye would reveal quick conversations and excited hand-gestures that were exchanged when the teachers weren't looking. This windy Wednesday morning was going to be a field trip. VGP Ulaga Tamil Sangam organized the educational tour of the metro to-and-fro between Alandur and Koyembedu for the children. The chief guests V G P Rajadas and the principal of the school Latha Rajendran were seated in the compartment full of kids, watching the ensuing interaction.

"They have been excited about this for many days now. Most of their parents are laborers and can't afford to take them out much. So, this is like an outing for them," says their teacher Rekha, whose seven- year-old-son also studies in the same school. He, like the other children there, wore a small hearing-aid, but continued talking animatedly, albeit in a different language.

"These are kids from kindergarten to class five, but you'd be surprised that the some of the KG kids are almost as old as some of the older kids that we have. By the time their parents understand there is a school designed for their needs, it is usually quite late. But they are catching up one day at a time, and breaks like this mean a lot to them," said Rekha, signaling to the boys with knees perched on top of the seats to sit still for five seconds.

Courtesy - The New Indian Express
Metro Train Ride Turns Joy Trip for These Differently Abled Children

Vigilance Corner

As part of preventive vigilance measure, the following Ten Commandments are followed by CMRL employees

As Public Servants, you must:

1. Do public duties for public well-being only.
2. Understand the implications of "Conduct", "Misconduct" and "Criminal Misconduct" as detailed in Company's Conduct Rules / Standing Orders and in Prevention of Corruption Act, 1988 / Indian Penal Code.
3. Learn to distinguish between "Malafide" and "Bonafide" action.
4. Fear not, favour none. Adhere to the Company's Manuals and Procedures.
5. Maintain absolute integrity and devotion to your duty.
6. Ensure that your decisions are justifiable on all counts.
7. Not accept any gifts or lavish hospitality from contractors / suppliers.
8. Not misuse your official position for personal gain. under any circumstances.
9. Never suffer from bias and subjectivity.
10. Spend Public Money as a person of ordinary prudence would do with his own money.

Meet our Author

Thiru T. Archunan, CGM (EC), CMRL has been passionate about thinking on a plethora of subjects in the fields of science, religion and philosophy. He has published his first work *"IDEAS AND DISCLOSURES"* is based on life's fundamental issues concerning god, the mind and reason. His favorite subject is reason and he believes that it is necessary to conquer reason in order to understand both its strength and limitation. CMRL congratulates ***Thiru T. Archunan*** for his first publication.

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