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News



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ICF OFFICIAL MONTHLY NEWS BULLETIN

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Shri. A.K.Mital, Chairman, Railway Board, visited ICF on 04.07.2017.

1. CRB flagged off the first III-Phase IGBT Kolkata Metro Rake in the presence of GM/ICF, MD/CMRL and other Officers & Staff.

2. CRB inspected Vista Dome tourist coach for IRCTC.

3. CRB launched Technology Switchover Project.

4. CRB inspected the LHB Project site, Furnishing Division and Shell Division.

5. CRB opened the Gym & Yoga Centre at Integral Club.

6. CRB had discussions with Senior Officials and Staff Representatives of ICF.

7. CRB distributed cash awards and merit certificates to ten officers & staff for their outstanding performance.

He also visited Heritage Hut at Furnishing Division and Heritage Gallery at Shell Administrative Office.





ISO 3834, 'Quality Requirements for Fusion Welding of Metallic Materials' is a much sought after certificate for the fabrication industry. ICF has won this certification recently. Considering the mammoth size of welders and welding machines, this is a big achievement. ISO 3834 certification is a mandatory requirement for EN15085 and IRIS. ISO 3834 & EN 15085 certifications together can entitle ICF to compete with global players including the Metro Coach Business. This certification is the culmination of three years of sustained efforts spearheaded by AWTI, the selfless and untiring efforts of supervisors and welder fraternity of ICF.



Inter Colony Volleyball Tournament was held at ICF from 04.07.2017 to 07.07.2017. South Colony team won the match.



A Cultural programme was organized by ICF Cultural Association on 07.07.2017 at Dr. Ambedkar Arangam.



Renovated Gallery, named after Ex-GM, **Shri. Hydari**, was inaugurated by **Smt. Sarala Banerjee**, Director, Sarala Art Centre and Kalaimamani **Smt. Urmila Sathyanarayanan**, Artistic Director, Natya Sankalpa, on 09.07.2017 in the presence of ICF's team of Officers and Staff.



Landscaping and Bio-Gas plant was inaugurated by **Shri. S. Sivasubramanian**, Sr. Tech., in the presence of ICF's team of Officers and Staff on 16.07.2017 at Tholkappiar Marriage Hall.



Renovated Pass Section at Furnishing was inaugurated by **Shri. S.C. Charles**, Ch.OS., in the presence of ICF's team of Officers and Staff on 17.07.2017.



Renovated Stores Office/ Shell was inaugurated by **Shri. CH. V.V. Sathya Prasad**, Ch.OS, in the presence of ICF's team of Officers and Staff on 17.07.2017.



Auxiliaries Fabrication Facility at D-shop was inaugurated by **Shri. N. Sanjeevaiah**, SSE, on 22.07.2017, in the presence of ICF's team of Officers and Staff.



Modernised Assembly Lines of shop-30 was inaugurated by **Shri. N. Manickam**, Sr. Tech, on 18.07.2017, in the presence of ICF's team of Officers and Staff.



Renovated Trainee Officers' Rest House was inaugurated by **Shri. B. Mathew**, Sr. Tech/SSE/W/Per, on 27.07.2017, in the presence of ICF's team of Officers and Staff.



Modernised Advanced Welding Training Institute was inaugurated by **Shri. T.S.Ravichandran**, SSE, on 21.07.2017, in the presence of ICF's team of Officers and Staff.



Sports Hostel was inaugurated by **Shri. M. Rajendran**, Ch.OS/CE's Office, on 31.07.2017, in the presence of ICF's team of Officers and Staff.



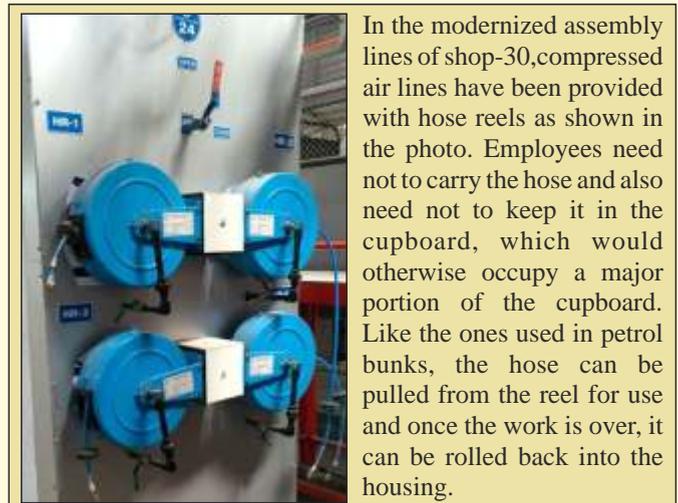
Walk in cooler and improved storage space at ICF Hospital was inaugurated by **Shri. G. Panneerselvam**, Dresser, on 21.07.2017 in the presence of ICF's team of Officers and Staff.



Landscaping developed by M/s. Knorr-Bremse India Pvt Ltd, opposite to Shell Administrative Building was inaugurated on 31.07.2017, in the presence of ICF's team of Officers and Staff.



Renovated Tennis Court at South Colony was inaugurated by **Shri. T. Chandrasekar**, International Tennis Player, on 21.07.2017 in the presence of ICF's team of Officers and Staff.



In the modernized assembly lines of shop-30, compressed air lines have been provided with hose reels as shown in the photo. Employees need not to carry the hose and also need not to keep it in the cupboard, which would otherwise occupy a major portion of the cupboard. Like the ones used in petrol bunks, the hose can be pulled from the reel for use and once the work is over, it can be rolled back into the housing.



ICF Silver Jubilee Nursery and Primary School celebrated World Nature Conservation day on 28.07.2017. GM/ICF, Chairmam, Schools' Managing Committee, Welfare Officer along with school Headmistress, ten staff members and 120 children from IV & V Std participated in this program. More than 2000 seed bombs containing Neem and Pungai seeds were prepared by the students and teachers in the school and kept ready. These were thrown in the vast areas of Furnishing Division. Some passers by were also participated in this movement. This program is sure to make a great impact in the young minds to plant more trees in the areas of their dwellings, thus, saving our natural surroundings.

Chhatrapati Shivaji Terminus has been renamed as Chhatrapati Shivaji Maharaj Terminus, the station code 'CSTM' revised as 'CSMT'.

PERSON OF THE MONTH - JUNE 2017



Shri. S.ArunKumar,
Tech-II, Shop-25 / Shell



Shri. V.Nithyanandam,
SSE/D&D Office / Furnishing

The following Officers/ Supervisors received award from CRB (Recommended by the respective PHODs/CHODs) on 04.07.2017 for their outstanding performance during the production year 2016-2017.

Sl. No.	Name	Designation
1.	V.Jayaraman,	Sr.SO/Estt
2.	R.B.Parasar,	SEE/Comm
3.	V.Lakshmikanthan,	XEN-II
4.	T.Ravichandran,	AWM/Project
5.	T.Karthikeyan,	Pharmacist
6.	D.Nagarajan,	Ch.WI/PB
7.	B.Rani,	DyCMM/SD
8.	P.Saravanan,	HC/RPF
9.	Gandhimathi,	PS
10.	M.E.Srinivasan,	DyCME/Fur



Shri. N.Kamaraj, AWM/A2/S, **Shri. R.Ravichandran,** PE/PL/S received award from GM for "One Month One Idea".



OFFICIAL POSTINGS

Name S/Shri/Smt	Previous	Present
K.S.Sridharan	Dy.CME/Plant	Leave
V.Kalyana Sundaram	Dy.CME/Prod	Dy.CME/Plant
U.Karunakumar	Leave	Dy.CME/Prod
K.T.Dominic	PE/PR2/S	+ WM/LHB
Hanuman Prasad Meena	WM/LHB	Training
S.Narendran	WM/Plant/F & CSO	+SME/MRVC/Fur
V.Jayapragash	SME/MRVC/F	Leave
K.Chandrasekaran	AWM/SM/S	AWM/A-1/S
K.C.Prakasan	AWM/A-2/F	AWM/SM/S
Ajay Gosh	AEN/Fur	IRIEEN
K.Ravi	SSE/Works/F	AEN/Fur

Last date for submission of application:

Application for Act Apprenticeship, ICF : 21.08.2017

We deeply mourn the sudden demise of the following staff

Sl. No.	Name	Designation	Pay Unit Shop / Office
1	M. Shankar	Sr.Tech	22
2	M. Pushparani	Tech-I	45

ICF CIRCULARS

PB/LW/115/CC/Vol.XI dt 25.07.2017:

Shri. Vijaya Bhaskar, PE/PLF, is nominated as chairman of Workers Canteen/ Fur in place of **Shri. V. Jayapragash**, SME/MRVC/F, who has proceeded on leave till 02.08.2017.

PB/RL/2/III dt 19.07.2017:

Placement committee for postings/transfers of Group-C Mechanical artisans, supervisors, All ex-cadre, TTC, AWTI & Lab: SPO/WS, SME/M&P & SMM/P/S, Approving authority: CWE/S.

PB/RL/Misc dt 05.07.2017 and JPO-1/2017 dt 28.06.2017:

Procedure for Encashment of Leave through online.

PB/Qrs/Publication of seniority dt 07.07.2017:

The provisional quarters seniority list of Type-I to IV of General pool as on 15.06.2017 has been published.

Shri. P.R.Viswanathan, Dy.CPO/WS, has been nominated as Chairman for Thiruvalluvar Marriage Hall (ICF Diamond Jubilee Community Hall).

Shri. Hurdanand Sinku, S&WI, has been posted as Treasurer for South Colony Committee.

Shri. S.Anand, Ch.S&WI, has been posted as Secretary, Administrative Office Canteen/Fur.

Emergency pass issuing authority: S/Shri

R.Ramakrishnan,	SSE-19,	15/3 East colony,	8056050253
Thenarasu,	CDMS,	174/5 West colony,	98406 80796.
M.Mohandas,	SSE,	260/2 North colony,	9003149173.
P.Elanchezian,	SSE,	South colony.	9003149699.

GST Number of ICF: 33AAAGM0289C1ZQ

FOR ELECTRICAL COMPLAINTS

Officer in charge	Location / Area	SSE in charge	Phone No.
SEE/M 47305, 9003141316	Power supply to shell	SSE/MRS/S	47333,34,35 8056050057 8056050026
	Electrical complaints including machine maintenance of shell	SSE/45(G)	47355 9003149125
AEE/M 47307, 9003141312	Electrical complaints pertaining to GM admn building, IT centre	SSE/45/ Admn	47373 9003149196
	Telephone complaints	SSE/45/ Tele	47381, 90 9003141320
	All colonies, Perambur, Service Building, Hospital, TTC, AWTI, Schools, Institute, Stadium	SSE/74	47374, 75 9003141338, 9003149122
AEE/M2 46355 9003141322	Power supply to Fur	SSE/MRS/F	46333, 34 9003149135
	Electrical complaints including machine maintenance of Fur, Admn Building/Fur, CRM	SSE/85(G)	46386 9003149154
	Power supply to LHB, Electrical complaints including machine maintenance of LHB	SSE/85/ LHB	46970 9003149144

RAILWAY BOARD CIRCULARS

RBE 61/2017: Staff from same GP/ Pay scale may be allowed to appear in selection for GDCE only if the selection is from Non-safety to safety posts.

RBE 62/2017: Recruitment of persons with disabilities from open market on the Railways instructions.

RBE 63/2017: Liberalizations of provisions for drawl of advance from the State Railway Provident Fund by the subscribers.

RBE 64/2017: Recognition of Diesel Training Centre, Hubballi/SWR. List of training centres of IR enclosed.

RBE 65/2017: Ayurvedic/ Homeopathic dispensaries under SBF-Revised monthly honorarium.

RBE 66/2017: Revision of pension of pre-2016 pensioners/ family pensioners.

RBE 67/2017: Performance of sports persons in "6 Red snooker" will be considered instead of "8 ball pool" for promotion and incentive.

RBE 68/2017: Validation of Duty/ Privilege/ Post retirement complimentary passes in Hamsafar, Gatimaan, and all other special trains including Suvidha express, special trains on special charges etc.

RBE 69/2017: All absorbee pensioners who had taken 100% lump-sum amount in lieu of pension on absorption in PSUs/ Autonomous bodies in accordance with the then existing rule 37-A and in whose case 1/3 pension has been restored after 15 years, may be allowed restoration of full pension after expiry of computation period of 15 years from the date of payment of 100% lump-sum amount.

RBE 70/2017: Amendment to the Railway Services (Revised Pay) Rules 2016.

RBE 71/2017: Grant of HRA on the recommendations of 7 CPC.

RB 2017/O&M/10/2 dt 05.07.2017.

The post of FA&CAO is redesignated as Principal Financial Advisor (PFA) and COS is redesignated as Principal Chief Materials Manager (PCMM).

F.No. 12(4)/2016.EIIL.A dt 07.07.2017.

Family planning allowance shall stand discontinued w.e.f 01.07.2017.

Hon'ble Minister for Railways **Shri. Suresh Prabhakar Prabhu** launched the following initiatives on 12.07.2017:

1. RAIL CLOUD PROJECT.
2. NIVARAN-Grievance Portal (First IT Application on Rail Cloud).
3. Cashless treatment Scheme in Emergency (CTSE) Scheme and Handing over of 1st CTSE Card.

Railway has accepted downloaded e-Aadhaar as one of the prescribed proof of identity for undertaking journey in any reserved class.

Kolkata will get India's first underwater metro system, which will pass through Hooghly River. The first tunnel has been built 30 meters below the earth's surface near Howrah Bridge; a the first time in India, a tunnel has been made under a flowing river.

RECENT IMPROVEMENTS in ICF COACHES

Wider Window for LHB Non-AC Coaches

LHB Non-AC Coaches (LS, LSCN) have two FRP windows of size 610mm X 560mm in every bay. These windows are prone to water ingress into the Coach. To alleviate this, larger windows of size 1460mm x 650mm in each bay are now provided; this gives panoramic view and better aesthetics.



UDAY (Utkrisht Double-decker AC Yatri) Express

As per the Railway Board's advice ICF, is going to refurbish existing double decker coaches into UDAY (Utkrisht Double Decker AC Yatri) express. The scope of work includes provision of LCD screens for passenger information and announcement in the three decks (Upper, Lower and Middle), Wi-Fi based infotainment, remodeling middle deck into dining area, vinyl wrapping of exterior and vinyl films for interiors.

EMPLOYEES RETIRING on 31st August 2017

Sl. No.	Name	Designation	Pay Unit Shop / Office
1	John Arthur Sathyaraj	Sr.Tech	18
2	Veeraraghavan	Tech Gr-I	24
3	Pandian	Sr.Tech	40
4	Balachandran	Sr.Tech	Engg
5	Radhakrishnan	Tech Gr-I	30
6	Surendran	Sr.Tech	30
7	Veeraragavan	Sr.Tech	32
8	Kumar	Tech Gr-I	32
9	Venkata Rao	S.S.E	33
10	Rosamma	Tech Gr-I	34
11	Samba Murthy	Sr.Tech	39
12	Gangadharan	Sr.Tech	54

We wish them A Happy & Peaceful Retired Life!

ASHRAYA: Admission of the academic year 2017 – 2018 is continuing at Ashraya, a school for mentally challenged, run by Southern Railway Women’s Headquarters Organisation. The school offers individualized educational programme for mentally challenged children from the age of six years. Applications for admission at Ashraya can be obtained at the School premises located at No.123 Railway Colony, Poonamallee High Road, Chennai Egmore – 600 008. For further details please contact Coordinator / Ashraya at Landline Number 044 26424798 or Mobile No. 98419 22226. Deserving people may please make use of this extended admission facility.

An Appeal to all ICF Citizens

As per Energy Conservation Act, BEE Identified ICF as Designated consumer under PAT Scheme (Performance, Achievement, Trade). Under this, ICF is given a target of 939MTOE/coach to be achieved by Mar’19. The figure for 2016-2017 is 714. If ICF doesn’t meet this target, ICF has to buy credits from companies who exceed their target. If ICF exceeds the targets, ICF can sell the credits to other companies who fail to meet BEE target. All employees are exhorted to contribute in reducing consumption of electricity, furnace oil and gases like LPG, acetylene etc., and increase the production of coaches, so that ICF becomes first coach manufacturing unit to get “Platinum rating” and also earn money by selling energy credits. :- CEE/ICF.

Energy conservation measures by ICF

1. ICF’s 10.5 MW windmills at Tirunelveli district are meeting complete energy needs of ICF Factory, first of its kind in Indian Railways.
2. Solar power plant of 2MW capacity is under erection at LHB shed roof top under PPPA. Railway will spend NIL and ICF will get electricity at Rs. 4.88 per unit.
3. Works for installation of LED lights, worth Rs.5 Crore is under execution.

Greenary covered in ICF:

1. Lake view park opposite ICF car parking and opposite North colony.
2. Heritage hut with park near Shop-30/36.
3. Greenary at ICF Guest House, Integral Club and on the sides of Integral Salai up to Loco Works entrance.
4. Parks in North, South, East and West colony.
5. Vertical gardens at DyCMM/FD office, RB-IV and Shop-87.
6. Road side plants on Dr Ambedkar Road, Mahatma Gandhi Road inside Shell factory.
7. Lawn near officers’ gate at Shell and LHB gate.
8. Sculpture park near Fur workers’ gate.
9. Tree plantation on RESURGENCE road and SYNERGY road.
10. Greenary at ICF Kalyanamandapam, RPF Parade Ground, all along the LHB Road.
11. Trains park.
12. Lawns at apprentice hostel and subordinate rest house.
13. Small gardens on the sides of & B sheds.
14. Park opposite D&D Building.

BLOSSOMS: A Crèche named ‘Blossoms’ for children is being run by the Southern Railway Women’s Headquarters Organisation at No.119-B, Brooks Road (opposite Railway Hospital), Perambur, Chennai, for the past 26 years. The children of employed parents are being taken well care of by dedicated and experienced staff. Children of ages from 6 months to 15 years are admitted in the crèche. The crèche ‘Blossoms’ is fully furnished with play materials and recreational items. Interested parents desiring to admit their children may please contact SRWWO at the address given above. For guidance and information, they may also contact mobile number 89395 97351 or Railway Number 29645.



Kolkata Metro - III Phase Propulsion

by Sri. B. Chandrasekaran, Dy.CME/D,
Ph: 9003141427, bcsekar12@rediffmail.com

ICF has manufactured the new Metro coaches for Kolkata Metro Railway System, which are at par with the other Metro coaches in India. This eight car train has 4 motor coaches, two driving trailer coaches and two trailer coaches.



The coaches are built on stainless steel body and propelled by III-phase IGBT based electric propulsion system. The propulsion system is indigenously manufactured and supplied by M/s Medha, Hyderabad.

The driving end nosecone has been designed with aerodynamic curves and integrated fenders that gives streamlined exterior finish to the train. More vibrant colour pattern of the exterior is another feature that catches the eye of the onlooker. Driving cab is revamped to make it more driver friendly. Emergency exit at the driving end has been fitted with easy-to-operate door cum ladder system.



Traditionally, ICF type bogies are provided in all EMU and Metro coaches. For the first time in IR, a bolster-less Y-frame bogie has been developed for the Kolkata Metro, which is adopted in Metro or EMU trains worldwide. This bogie is free of coil springs. Primary suspension has Conical Rubber Springs while secondary suspension has Air Springs. Again, for the first time in IR, fully suspended Traction Motors are provided in these bogies. That means, the un-sprung mass on the axle will be much less compared to the conventional motor coach bogies due to the fact that the weight of the motor along with coupling and drive unit is fully suspended on the bogie frame.



All the underslung equipment in the new metro coaches are modularized to save manufacturing/maintenance time. Regenerative braking saves the energy requirement to the extent of 30% of total consumption. Brake blending is designed in such a way that the electro pneumatic brakes smoothly take over from regenerative brake system at the fag end of braking till the train stops.



Unlike previous version of metro coaches made at ICF, the gangways are much wider (1450mm against 700mm in earlier coaches) and almost look as continuous passage between coaches without any restriction. To enable this, the end wall inter-vehicular couplers have been shifted below under frame.

Other features such as full air conditioning of the train, automatic doors, Passenger talk-back facility are retained as in the earlier design. Emergency egress system (evacuation of passengers in case of non-function of automatic doors) from outside the coach is an addition in the new train. CCTVs are planned from 3rd rake.



The interior furnishings are revamped to get best in class aesthetic finish. Screwless Aluminium composite panels, LED streamlined lighting, Passenger information display on LCD screens, Star grab poles, Sleek polyamide hand holds, Polycarbonate seats and Rubber twin colour flooring are some of the features of interiors.

During his recent visit to ICF (20.06.2017), Member (Rolling Stock) has inspected the first rake and highly appreciated the efforts taken by ICF to develop near-world class train set for Metro. With the kind of confidence developed from the new Metro coaches, the countdown for rolling out the ambitious "Train-18" has already started at ICF.

▪ **Rake formation - 8 cars**

DTC + MC + MC + TC + TC + MC + MC + DTC
 DTC - Driving Trailer Coach, MC - Motor coach
 TC - Trailer Coach

▪ **Max. speed - 80 kmph**

▪ **Passenger capacity**

	DTC	MC	TC	Per Rake
Seating	44	48	48	376
Standees @ 12 / sq.m	314	341	341	2674
Total	358	389	389	3050

▪ **Weight (Tonnes)**

	DTC	MC	TC
Tare	36.8	41.8	36.2
Gross	58.3	65.2	59.6

▪ **Overall Dimensions**

- Gauge - 1676 mm
- Length Over Body - 19500 mm
- Body Width - 2730 mm
- Height from RL to Roof Top - 3625 mm
- Bogie Centre Distance - 13515 mm
- Wheel Base - 2450 mm
- Wheel Diameter (new) - 860 mm

▪ **Salient Features**

- MG coach body on BG bogie
- Stainless steel straight side wall coach body
- Fully air conditioned - 2 x 11 TR capacity roof mounted package units per coach
- Traction Electrics from M/s MEDHA
- Sidewall mounted Longitudinal Polycarbonate seats
- Interiors with Aluminium Composite Paneling with concealed screws
- Stainless steel grab rail with polyamide handles
- Star shaped vertical grab poles near gangways
- LCD display for Passenger Information System
- LED Destination Board.
- Electrically operated Automatic sliding doors - 4 aside with manual override for emergency
- Passenger talk-back facility for emergency
- Emergency exit (foldable ladder) on driving end walls
- Sealed and wider gangways
- Large windows with double sealed glass
- Driver desk with joystick controls and LCD display
- Electro pneumatic brake system with Tread Brake Units having inbuilt parking brakes
- Dynamic brake grids
- Sleek and compact design under-slung electrical couplers
- Schaku semi permanent couplers at inter coach locations and automatic couplers at driving ends
- Conical Rubber Spring on Primary stage and Pneumatic suspension at secondary stage of bogies
- Third rail current collector in the bogies

VISTA DOME - THE TOURIST COACH - MAKER'S (ICF) PRIDE

Tourists who are about to board the train at Visakhapatnam on their way to Araku, should pause for a minute and look at the tail end of the formation. They would be surprised to see a new design coach with an attractive look. So mesmerizing is the

appearance, that would automatically make their feet to take them near the coach. It appears colourful and awe-inspiring and it is for sure that the tourists would not have seen such a coach earlier. It is the tourist coach called Vista dome, first-of-its-kind in Indian Railways manufactured by ICF for IRCTC. It plies between Visakhapatnam and Araku in the beautiful valley for 4 hours to cover 128km.

The passengers who are about to begin the journey in the Vista dome coach need not to carry their luggage to their seat but can keep it in the exclusive multi-tier storing rack near the door way and this allows them to have a comfortable seating without hindrance. To get inside the 40 seat compartment one need not to pull the door as they do in the normal coach and it is just a finger touch, the glass door slides and gives way to enter with ease. The seats are built with utmost comfort and designed beautifully to make the trip pleasant. It is a twin revolving chairs which can be rotated 180° that helps the passengers to turn around both the sides and enjoy the journey. It also helps them to have a casual chat with friends and families by facing each other. The windows are very wide measuring 2.2 x 1.25 metres with roller blinds and no one can miss the beauty of nature when they travel by. The LED lights on the top make the coach brighter and keep away from darkness when passing through the caves. Another unique feature of the coach is the transparent glasses fixed on the roof to give a panoramic view of scenic beauty of the places around while traveling. During bright sunny days, the glasses can be turned opaque to protect the passengers from hot sunrays through centrally controlled switch.

Whenever the tourists see a waterfall or a beautiful location they can walk out to the observation area at the tail end of the coach and view the nature's beauty as the train climbs up the hill. The wider view gives them to have a better look of the waterfalls flowing down the valley. As the train steams through the bridges, caves and coffee plantations, one would love to stand at the observation area to enjoy the nature. This facility is available only in the vista dome coach and after spending some time they can get back to their seats. There is small pantry between observation and seating area. A refrigerator, micro oven and a movable trolley are neatly placed in the pantry. Snacks and drinks are served to the tourists at their seats as done in air journey.

10 LCD screens are provided in the coach for entertainment and passenger information. Rest rooms available at the other end of the coach are furnished with tiles and modular washbasins which gives an aesthetic look. Onboard crews are available throughout to take care of the hospitality and to provide technical support. With all the facilities onboard, it costs only Rs.665/- per head. It is needless to mention that the passengers getting out of the Vista dome coach at Araku will have pleasant memories to relish in their life time.

M.G.Shankar, PRO