

From: ICF Staff Club
AG129/18,VII Main Rd
AnnaNagar,Chennai-40

To



INTEGRAL NEWSST

Issue# 130

Free Monthly News Bulletin – for Internal Circulation

August 2016

Email: integralnewsicf@gmail.com

Contact: 900 314 1464, 9539, 9659, 9731, Rly 46490, 47661

Chief Editor: K.Ravi, SSE/Shop80

Associate Editors:

M.A.Jaishankar, SSE/Proj

A.R.S.Ravindra, SSE/Proj

Treasurer: R.Mehalan, SE/IT

Shell Offices: R.Thilak, Tech-3

S.K.Satishkumar, SSE/Proj

K.Sekar, Ch.OS/Engg

N.Jeganivasan, Stores Inspector

N.Ganesh,SSE/MPO/S

S.Ghatikachalarao,SSE/WS

N.Devaraju, SSE/Plant

V.Sasikala, OS/PB

B.Jayalalitha, Accts Asst

Shell Shops: P.Baskaran, SSE/40

A-shed: R.Nagarajan,, SSE/10

B-shed: A.V.Gopalakrishna, SSE/22

Shop 24,25,26: N.Ravikumar, SSE/26

D&L-shed:P.T.Sreevalsan, SSE/13

40,J,E: R.Lakshminarayanan, SSE/40

48,RPF: R.Kasim,SSE48

11,23,41,TS:R.Jegathiswaran,SSE/41

Insp: J.Ananthakumar,SSE/42

Progress: P.K.Panda,SSE/PCO

CMT: G.Sivakumar, CMS-1

Electrical:D.T.Vijayaraj,SSE/45

Stores : K.Sundar, OS/J-ward/SD

Fur Offices:Harikumar.NV,SSE/MPO

Accts: Sudharsan.MN,SSO/Accts

PlgF,TS: G.V.Ramesh,SSE/TS/F

Stores:V.Annamalai,OS/P7

Fur Shops: R.Sundarrajan,SSE/30

30: Bipinkumar Karn, SSE/30

32,34: P.Sathyanarayanan, SSE/PC32

33:D.R.Suresh,SSE/33

37, 80,81,82:D.Santhakumar,SSE/80

88,CCO: K.S.Rajakumar, SSE/88

Elect,CMT,IOW: M.Devaraj, SSE/85

36,54: R.M.Chandrasekar,SSE/54

Progress:D.Baskar, SSE/PCO

RRM, Colonies : A.Srivijayan, SSE54

LHB/19 : R.Shanmugam, SSE

TTC: J.Selvakumar,SSE/TTC

D&D: Sabapathinathan.M,SSE/D&D

Hospital: Raju Balaji, Ch.OS

Web: P.Krishnakanth, Webmaster/IT

74,Tele,Union: D.N.Ramesh,SSE/Proj

Advisors:

S.Muthukumar, Dy CME/SR

B.Chandrasekaran,SME/D-II

K.N.Mohan, PE/PR/S

R.Srinivasan, APE/PR/F



Shri Rajen Gohain assumed the charge of new Minister of State for Railways, in Rail Bhawan on 6th July. He is a Member of Parliament from Nagaon constituency in Assam. He was re-elected to Lok Sabha (4th Term) in May, 2014 from this constituency. He has been representing this constituency since 1999.



Shri Sudhanshu Mani assumed charge as General Manager, ICF, on 02.08.2016 (Tuesday).

Shri Sudhanshu Mani belongs to 1979 batch of Indian Railways Service of Mechanical Engineers (IRSME). Before taking over as General Manager, ICF, he was Chief Mechanical Engineer, Rail Wheel Factory, Yelahanka, Bangalore.

He has also worked in various capacities in Indian Railway as Advisor (Minister), Berlin, at Embassy of India, Germany, Divisional Railway Manager, South Western Railway, Bangalore, Executive Director in Research Designs & Standards Organisation (RDSO), Lucknow and Chief Workshop Manager, Lallaguda Workshop.

He has more than 36 years of experience on Indian Railways in the field of Workshop Management, Railway Operations, Project Management, Planning and R&D. He has also attended customized training programmes for higher management in USA and Germany.



Shri Hemant Kumar, Member Mechanical, Railway Board, visited ICF on 24.07.16 and held discussions with ICF officials regarding the progress of new coaches announced in Railway Budget and other ongoing new designs.

The current Chairman Railway Board Shri A.K.Mital has been reappointed as the new Chairman, Railway Board for a period of 2 years i.e. till he attains the age of 62 years, w.e.f. 01.08.2016.

Integral News July 2016 is sponsored by Engineers and officers of RITES/ Southern Region.



Minister of Railways Shri Suresh Prabhakar Prabhu dedicated the newly developed Deen Dayalu Coach to the nation at New Delhi Railway Station on 19th July.



Shri Vashishta Johri, GM/SR, additional charge of GM/ICF, had discussions with ICF officials on 02.07.16 at ICF.



On 15th July, Shri L.C.Trivedi, CME/ICF, congratulated ICF Chess players Deepan Chakkravarthy and Karthikeyan who were part of the Indian Railway chess team which won the international Railways chess championship, recently.



Shri L.C. Trivedi, CME, conducted performance review meeting of Design Department on 27.07.16. The ongoing design projects and the projects on hand were reviewed.



A grand farewell was given to Sri. K.Rajandran, CPO on 31.07.16, on his retirement from service.



Wards of ICF employees who have secured first three places were awarded by CPO on 09.07.16



The first anniversary of Dr APJ Abdul Kalam was observed on 27.07.16 at shop 88 and many other places in ICF.



On 29th July, Drawing (Colouring and shading of Dr Kalam's outline sketch) competition was organized by VOC scout group at ICF SJ school, to mark the first anniversary of Dr APJ Abdul Kalam. Scientist from DRDO was the Chief Guest.

OFFICIAL POSTINGS

Name S/Shri/ Smt	Previous	Present
B.Rama Mohana Reddy	CE	+CPO
Arun Kumar	CEGE	To CORE
I.P.Meena	From CORE	CEGE
T.D.Sivasubramanian	DyCMM/P/F	Leave
H.Narayanan	DyCMM/FD	DyCM/P/F
Uma Shankar	Training	DyCMM/FD
V.Kalyanasundaram	DyCC&M	DyCME/D2
T.Dilip Kumar	DyCME/D2	Training
J.Chandra Sekhara Rao	Leave	DyCC&M
K.S.Sridharan	JA-Adhoc	JA-Regular
U.Karunakumar	JA-Adhoc	JA-Regular
Varghese Joshua	JA-Adhoc	JA-Regular
K.P.Ravindran	Rajbhasha Adhikari	Sr RBA
Mahendra kumar	AWM/SM/S	DMW
Anshu kumar	AWM/A-1/S	+AWM/SM/S
Abdul Hameed kuniyil	AWM/E3	Training
Farid Babu	AEE/Liason	+AWM/E3
N.Ilamparithi	Training	AME/MRVC/F

EMPLOYEES RETIRING on 31st August '16

1	Madhavan	Sr.Tech	11
2	Krishnamoorthy	Sr.Tech	15
3	Sureshkumar	Sr.Tech	16
4	Sundar Raju	Tech-2	22
5	Antony Francis David	Inspr Gr-I	42
6	Adirathnam	Fieldman	Engg
7	Prakash Baboo	S.S.E	Plgf
8	Nirmala Balasundaram	Accts Asst.	Acts/F
9	Ramraj	Tech-1	28
10	Sivaprakasam	Sr.Tech	32
11	Chandra Sekara Rao	J.E	33
12	Vasantha	Tech-2	34
13	Satyanarayanan	Tech-1	39
14	Alamelu	Tech-2	85

We wish them A Happy & Peaceful Retired Life

Last Date for submission of application:

Lateral transfer to helper post: 07.09.16

Technical scholarship from FBF for Non Gaz employees With GP above 2400: 10.10.16

Applications invited for Scholarship for wards of employees with GP 2400 and below @ 1500PM

Multi-tasking staff in Rly Board 12.08.16

Submission of option form for fixation of pay under 7CPC: 27.10.16.

Inspecting Engineers RITES Easter Region 30.09.16

Pension Adalat 2016 will be conducted on 15.12.16. If there is any grievance the same may be sent to SPO/ Welfare ICF before 31.10.16

We deeply mourn the sudden demise of the following staff

1	S.Rathna Kumar	SrTech/MSM/10
2	V.Palani	Tech-3/Carp/30
3	S.Kaviarasu	Helper/30
4	M.Murugesan	S&WI/PB

New GM has instructed that presentation of bouquets in any internal official/semi-official function among ourselves should be discouraged. Similarly in any of these internal functions, visits etc., officers should not stand and wait to receive senior officers.

We should, however, continue to present bouquets and receive guests in any function as far as outside guests or dignitaries are concerned as a courtesy.

•Shri K.Swaminathan, HAG/IRSME, Advisor (Environment & House keeping) has been promoted as Additional Member /Mechanical, Railway Board.

•Shri Ravinder Nath Mishra, HAG/IRSME/RDSO, has been approved for the post of AM/PU after superannuation of Shri R.S.Kochak on 31.07.16

•Shri B.Rama Mohana Reddy, CE/ICF, has been assigned additional duty of CPO/ICF.

•NIVARAN- online grievance portal link is given in ICF railnet and internet websites.

•Shri K.Thiagan, WM/Plant/Fur, is nominated as Chief Safety Officer, Fur.

•Shri S.Anandan, SPO/Welfare, has been nominated as Chairman AOC/S and Shri P.K.Sudhakar, APO/Bills, as Chairman / AOC/F.

•Shri S.Anandan, SPO/Welfare, has been nominated as Secretary- SBF committee.

•ICFMS/NFIR Celebrated 114th birthday of Bharat Ratna K.Kamarajar on 15th July at Fur. division.

•Non-performing Central government employees will not get annual increment if their performance is not up to the mark. The benchmark for performance appraisal for promotion and financial upgradation has been enhanced to "very good" from "good".

•To watch Rail Geet, the official song of Indian Railways: youtu.be/wLy7zVXXPBs1/2

•7th Pay Commission Option form for Pay fixation - Which option to choose? Use this online tool <http://www.gconnect.in/7th-pay-commission/7th-pay-commission-option-form-online-tool.html>

•Declaration of Assets and Liabilities under Lokpal by Central Government Employees – Last date extended up to 31st December 2016.

PERSON OF THE MONTH

		
Mar '16: Shell D.Nagoor, Tech-1/22	Apr '16: Shell V.Ravichandran, Tech-1/13	May '16: Shell P.V.Girish, SrTech/41
		
Mar '16: Fur N.Kabilan, Tech-1/37	Apr '16: Fur K.Murthy SSE/30	May '16: Fur S.Murugan SSE/54



Additional Vertical Pole in IGBT coaches.	Additional Litter Bin in GS & SCN	Handle in SCN coaches for Safe Access to Upper Berth.
---	-----------------------------------	---

Since doorway width is more, pole is inside door, passengers are not able to access the pole from platform. So additional pole has been provided outside door level in IGBT coaches.



A lecture on Overcoming Obesity has been delivered by Shri M Kumaravel Sr. Physiotherapist/ICF and a demo has also exhibited during the annual camp of ICF SJAB corps on 22nd and 23rd of July at Erode.



Kochi Metro Rail Limited has signed an agreement to generate 4 megawatt solar power from 22 stations and the coach maintenance yard at Muttom. The power purchase agreement was signed between by Shri A.R.Rajendran, GM (RS&E) KMRL and Shri Prakash Rai, GM (Business), M/s Hero Solar (P) ltd in presence of Shri. Elias George, MD/KMRL (Centre).

The AYUSH (Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy) clinics, which were inaugurated on July 27 at Railway Hospital, are functioning from the first floor of the new out-patient department building. The yoga and naturopathy clinic will function from room no. 223, between 9 a.m. and 1 p.m. The siddha and homeopathy clinic, from room no. 224 between 1.30 p.m. and 5.30 p.m.

Appointment of SAS qualified persons to the post of AAO shall be treated as Direct recruitment for the purpose of grant of benefits under ACP/MACP scheme.

Shri Manoj Sinha has assumed the charge of Minister of State (Independent charge), Ministry of Communications in Sanchar Bhawan on 06.07.2016. In addition, he is already holding the charge of Minister of State for Railways.

Shri Rajen Gohain assumed the charge of new Minister of State for Railways in Rail Bhawan on 6th July. A graduate in Arts and also in Law, Shri Gohain is founder member of Nagaon district unit of Bhartiya Janta Party (BJP). During his long parliamentary career, Shri Rajen Gohain has been Member of various committees which include Member, Standing Committee on Home Affairs; Member, Committee on Papers Laid on the Table; Member Consultative Committee, Ministry of Agriculture; Member, Standing Committee on Water Resources; Member, Committee on Provision of Computers for MPs, Office of Parties, Office of Lok Sabha Sectt.; Member, Standing Committee on Information Technology; Member, Committee on Subordinate Legislation; Member, House Committee; Member, Committee on Petitions; Member, Standing Committee on Railways; Chairperson, Parliamentary Committee on Welfare of Other Backward Classes; and Member, Consultative Committee, Ministry of Agriculture.

Shri Rajen Gohain has participated in Assam movement. He has worked for the welfare of various tribes in Assam. He takes interest in varied fields which include history, sports, music, agriculture, tea plantation, rubber, pisciculture, dairy farming and social and cultural activities. He has visited some foreign countries like Laos, Thailand and UK.

- Shri Suresh Prabhu, MR, released a book titled "Dhaakarwani" on 27th July, written by Shri Hemant Kumar, Member Mechanical.
- Railway Board has decided to display tricolored national flag on all diesel locos of Indian railways. The layout and dimensions also specified.
- Foundation stone laid by TN CM, on 23rd July at Thandaiarpet for extension of metro project to Thiruvottiyur instead of Washermanpet as last stop.

TOP SCORERS FROM ICF FAMILY contd..		
	X-10/10 M.Bharathi Moshian S/o.T.Muthu kumarasamy Tech-1/shop11	X-10/10 V.Tarunesh S/o.V.Sasikala, Supdt Typing/PB

The following wards of ICF staff have also been given **cash award** from **SBF** for their performance in **X&XII exams**.

X- CBSE- I Prize Rs4000 (All A1)
V.Tarunesh, S/o.V.Sasikala, Supdt Typing/ PB

X- CBSE- III Prize Rs2000 (All A1-2)
S.Sruthi, D/o.K.Sureshkumar, Steno/Plant office
P.Lohith Kumar, S/o.B.Padmanabhan, ChOS/14
T.Jayitri, D/o.S.Hemakumari, OS/21



ABOUT ICF - Part IV

by Sri R. SRINIVASAN, APE/PR/F,

Ph:9003141449, rsrinivasanicf@gmail.com

COMPUTER CENTRE:

ERP:

Definition:

- ERP is an Acronym for Enterprise Resource Planning
- Enterprise is an Organization to Deliver an Output.
- Resource means Man, Machine, Material, Money, Method and Tool required to Deliver the Output
- Planning Defines the Role of each Resource in the Process of Delivering the Output and Integrates the Resources with the Business Processes.

ERP Features

- An integrated suite of business applications, which..
- Closely links, monitors, and controls primary enterprise resources like manpower, machine, material, methods, market and money.
- Enables corporate to readily change their processes to adapt to the ever changing business scenario.
- Provides expertise in industry specific business processes.

ERP Design

- ERP is designed to provide Total Software Solution for any type of Enterprise or Industry or Company. That is, ERP provides Software for all the departments in an Enterprise
- Those who develop ERP Software, Conduct a Study on all the major functionalities of many companies in the world and Systemize them in ERP Software
- In general, any ERP Software will contain Almost all the Major Functionalities of the Major Industries
- ERP is Designed in such a manner that the information from one Department Automatically Flows to Other Departments.

Advantages:

- This Automatic Flow of Data from One Department to another Department is called Integration – One of the Major Strengths and Advantages of the ERP.
- Provides the Right information at Right time to the Right Person at the Right Place for Effective Decision Making.
- Ensures, Effective Usage of the Available Resources.
- Records, Every Activity that take place in Every Level of an Enterprise
- Brings Profit to the Enterprise
- ERP is the ONE Who Knows Everything that Happens in an Enterprise.

ERP is Useful Whenever the

- Organization Structure is WIDER and Has More LEVELS in the hierarchy
- Number of Resources to be Managed is high
- Business Processes are Many and Complex in Nature
- The Business Processes need Co-Ordination between many departments

• And Wherever the

- Intended purpose of the Enterprise is Extended
- Productivity and the Efficiency of the Enterprise Need to be Improved
- Reliability and Accuracy of the Existing System Need to be Improved

Implementation at ICF

- ERP Consultants conducted a Study on the Existing System at ICF - As IS
- Existing System was compared with Functions Available in SAP System.
- The Gap was Captured through Gap Analysis
- Matching Functions was Configured Directly - Configuration
- Wherever the Gap was found, ERP Consultants discussed with ICF's Functional Staff, the Gap and Re-Engineering of ICF Processes
- The Gap was filled by the Consultants by writing programs to suit ICF's Requirements - Customization
- After Configuration and Customization, the Software was subjected to Testing
- Based on the test Results the system was further customized and tested
- After Successful testing the System went Live
- The Consultants gave One Year Hand-Holding Support after Go Live.

Configuration:

- Informing the ERP system about our Resources, Business Processes and Functional Flow is known as Configuration

Customization:

- Addition of New or Modification of existing functionalities in ERP is known as Customization
- Though ERP is very big software and has features to address much type of Functionalities, it is quite possible that a few functionalities which are unique or explicit to a specific company might have not been addressed in ERP.
- In order to provide solution to such functionalities, ERP has to write additional programs. Writing additional programs or Modifying Existing Programs is known as Customization.

Top 5 ERP vendors :

- SAP
- Oracle
- Sage Group
- Microsoft
- SSA Global

--- To be continued...

TRANSFORMING RAILWAYS - TRANSFORMING INDIA

Two year performance report of Indian Railways

Report by Dr.Suresh Prabhu, Minister for Railways

Compiled by K.V.Ramesh Sr.JGS / IRTSA-Ph 9003149578

I. YEAR 2020 OUR VISION

- 1.Reserved accommodation on trains available on demand
- 2.Timetabled freight trains
- 3.High end technology for better safety
- 4.Elimination of all unmanned level crossings on Broad Gauge
- 5.Punctuality 95%
- 6.Speed of freight trains @50kmph & Mail/Express trains @ 80 kmph
- 7.Semi-high speed trains along the Golden Quadrilateral
- 8.Zero direct discharge of human waste on railway tracks
- 9.Additional electrification for 10,000 km

II. FOR OUR CUSTOMERS

- 1.Number of reserved berths from 37.1 crore in 2004 to 44.7 crore now.
- 2.Semi high speed service Gatimaan
- 3.Rolled back port congestion surcharge

50 initiatives for passenger amenities & digital India

- 1.Social media platforms Facebook, Twitter, Instagram & Youtube
- 2.24 X 7 public grievance system
- 3.All India Security help line - 182
- 4.All India Passenger help line - 138
- 5.Mobile based application for compliant management
- 6.e-catering facilities
- 7.Water vending machine to provide RO water
- 8.Six lower berths per coach for senior citizens & women
- 9.Staggered Talkal reservation timings
- 10.Agents barred from booking of tickets during first 30 minutes of booking.
- 11.Automatic refund of conformed / RAC e-tickets on cancellation of train.
- 12.Destination alert and wakeup alarm.
- 13.Automatic destination alert for Rajdhani & Duroto Expresses.
- 14.e-tickets for disabled person & journalist on concessional pass.
- 15.Mobile charging facilities in al general class coaches.
- 16.986 stations were developed under Adarsh Stations.
- 17.SMS alert on status of reserved tickets.
- 18.Capacity for 7200 online tickets booking per minute and 2 lakh enquires per minute.
- 19.Tickets issued even after preparation of reservation chart.
- 20.Paperless unreserved tickets including platform tickets through mobile phone introduced in suburban sections
- 21.Pilot project of Hand held terminal for TTEs
- 22.e-booking of wheel chair.
- 23.e-booking of disposable linen in select stations.
- 24.Currency cum coin operated ticket vending machines.
- 25.Launched one of the largest public free wifi system.
- 26.Retiring room booking made online.
- 27.E-ticketing portal in Hindi.
- 28.60 lifts & 150 escalators provided in 2 years.
- 29.Model rake operational between New Delhi & Varanasi.

- 30.Cancelation of confirmed PRS tickets using IRCTC website.
- 31.Acceptance of international debit & credit card.
- 32.Private agents to operate ticketing terminals for selling reserved & unreserved tickets.
- 33.Six pilgrims special tourist trains.
- 34.Dustbins in non AC coaches.
- 35.NIFT to design bedroll.
- 36.New Rail Neer plant at Mumbai.
- 37.GMs given power to provide unreserved coaches in place of sleeper coaches to accommodate more passengers.
- 38.Suvidha trains with graded pricing.
- 39.Defence Travel system without exchange of Defence warrants.
- 40.Berths for Physically challenged increased from 2 to 4.
- 41.Alternative Train Accommodation System to provide confirmed reservations to wail listed passengers in alternative trains.
- 42.Pre-cooked readymade meals of reputed brands.
- 43.Provision of Braille signage.
- 44.Foldable ladder in First AC.
- 45.Provision of bio degradable garbage bags.
- 46.Escorting ladies special trains and coaches.
- 47.45% of linen cleaning by mechanized laundry.
- 48.Fitment of CCTV cameras for women's security in trains.
- 49.Development of security app.
- 50.Middle bay reserved for women.

Continue to strive for cleanliness

	Avg 2009-14	2015-16	Increase no. of Times
No.of Bio-Toilets	1917	15442	8.1
No. on board housekeeping services trains	62	146	2.4
No. of mechanized laundries	5	10	2
No. of trains with clean my coach service	0	560	560

Continue to improve safety standards

	Avg 2009-14	2015-16	Decrease/Increase no. of Times
No. of accidents	135	107	0.79
No. of casualties	693	309	0.45
No. of unmanned level crossings	1139	1253	1.1
No. of ROB/RUB constructed	762	1024	1.34

III. INVESTMENT IN INFRASTRUCTURE

Continue to accelerate capital investment

	Avg 2005-09	Avg 2009-14	2014-15	2015-16
Investments in Crores	24307	45979	58718	93795

Building infrastructure at faster rate

	Avg 2005-09	Avg 2009-14	2014-15	2015-16
Broad Gauge lines commissioned in kms	1477	1528	1983	2828
Electrification completed in kms		1184	1375	1730

Dedicated Freight Corridors (DFC) the biggest infrastructure project in the country will be fully commissioned by 2019.

3 new DFCs in next 8 years – 1) Delhi-Chennai.
2) Mumbai-Kolkata. 3) Kharagpur-Vijayawada

Infrastructure creation & support for make in India

- 1.Signed agreement with GE Diesel Locomotive & ALSTOM for setting up Diesel Locomotive Factory.
- 2.FDI amounting to Rs.40,000 crore.
- 3.MoU with Japan for High Speed Rail Project between Mumbai-Ahmedabad.
- 4.Modern LHB coach manufacturing facility commissioned at ICF Chennai.
- 5.Chhapra Wheel factory started its regular production.
- 6.Foundation laid for Traction Alternator Factory at Vidisha.
- 7.Rail Wheel plant at Bela commissioned & regular production started.
- 8.Two mega bridges commissioned over river Ganga.
- 9.Construction of Electric Loco Ancillary unit of CLW at Dankuni.
- 10.DEMU Factory at Haldia commissioned.
- 11.DLW Varanasi being expanded.
- 12.Mid life rehabilitation workshop for coaches at Jhansi commissioned.
- 13.Joint ventures with state Governments.
- 14.Loco factories at Madhepura and Marhowra on schedule
- 15.Habibganj station for redevelopment
- 16.Co-operation from Japan, China, South Korea, France, Spain and Germany for high speed trains, station redevelopment, heavy haul, logistic terminals, etc.

IV. RESOURCE MOBILIZATION

- 1.A five year investment plan of Rs.8.56 lakh
- 2.Capex Plan for 2015-16 was increased to Rs.1 lakh crore as against an average of about Rs.48000 crore
- 3.Capex plan for 2016-17 Rs.1.21 lakh
- 4.LIC to provide 1.5 lakh crore over a period of five years.
- 5.Assured availability of funds through institutional financing for timely completion of projects.
- 6.Efforts for commercial exploitation of Railway assets.
- 7.Manufacturing by Production units for external market.
- 8.Saved Rs.12000 crore through various cost optimization measures.

V. CONTINUE TO OPTIMIZE COST

Fuel

- 1.Targeted a decrease of Rs 1500 crore from 2015-16 spend.
- 2.Exploring revamp of procurement policy by buying directly from overseas.
- 3.Rigorous consumption monitoring to optimize usage and reduce pilferage.

- 4.Targeted absolute reductions of Rs 1800 crore on electricity bill and Rs 3300 crore on Diesel bill for FY 2016-17.

VI. STRUCTURAL REFORMS

Continue to improve governance & transparency

- 1.Average project approval duration reduced from 24 months to 6 months.
- 2.Largest ever online recruitment.
- 3.Delegation of powers to functional levels.

VII MISSIONS – Changing our delivery mechanisms

- 1.Raftaar – to increase average speed of the train
- 2.Zero Accident
- 3.Mission Hundred – 100 Private Freight Terminal / sidings in next two years
- 4.PACE – Procurement and Consumption Efficiency
- 5.Capacity Utilization
- 6.25T - to make infrastructure to carry to carry 25 T axle load.
- 7.Mission beyond book keeping – for accounts reforms

Continue to set Higher Standards – Undertake Structural Reforms

New organizations proposed

- 1.Railway planning and investment organization,
- 2.Special unit for Transportation Research and Analytics (SUTRA) for data analysis and
- 3.Special Railway Establishment for Strategic Technology & Holistic Advancement (SRESTHA) for R&D.
- 4.Rail Development Authority.
- 5.Setting up a holding company.
- 6.e-procurement, moving to complete paperless contract management.

VIII. HUMAN FACE OF INDIAN RAILWAYS

Discharging Social Responsibility with a smile

- 1.Made successful arrangements to transport drinking water to drought affected areas of Latur district in Maharashtra
- 2.Lent a helping hand during the Nepal earthquake tragedy by providing 'Rail Neer' bottles and by transporting Nepal evacuees
- 3.15,000 children rescued since 2014
- 4.In the forefront in extending help to the Indian Nationals returning from Yemen.
- 5.3.66 lakh litres of 'Rail Neer' supplied during J&K floods.
- 6.3.28 lakh litres of 'Rail Neer' dispensed to Maldives when Male based only desalination plant had caught fire

IX. GREEN INITIATIVES

Solar Power

- 1.10 MW Solar Plants installed in two years.
- 2.Massive solarisation (1000 MW Solar Power Plants) planned in next five years
- 3.Katra - 1 MW
- 4.RCF Rai Bareilly – 2.1 MW
- 5.Rail Bhawan Rooftop, New Delhi –30 KW
- 6.200 MW land has been earmarked

Wind Power

- 7.Wind Mill Power Target 130 MW in next 3 years
- 8.Commissioned 26 MW Wind Mill power plant at Jaisalmer

Other initiatives

- 9.100 CNG-based DEMU
- 10.75 Water audits
- 11.Rain Water Harvesting at 1900 locations
- 12.1% of all projects for Green Initiatives
- 13.10 lakh LED Bulbs installed in Railway Quarters
- 14.27,000 Bio-toilets in trains in the last two years.
- 15.Target of 30000 bio-toilets in 2016-17.

X. CONTINUE TO WIN APPRECIATION

- 1.The current Railway Minister, Dr.Suresh Prabhu, is in the process of bringing change to a relatively moribund ministry - Morgan Stanley
- 2.Railways would add almost 1% to India's GDP - Nomura
- 3.In efforts to sustainably turn around railways, focus is not only on investment, but also other long term structural reforms to bring in efficiency, accountability and Transparency. - Prabhudas Liladhar

RAIL QUIZ:Answers

1. Shatabdi express trains were introduced to commemorate the centenary celebrations of a.Jawaharlal Nehru
2. Which of the following stations was formerly named as Victoria Terminus? d.Chatrapathi sivaji terminus
3. Who was the governor general of India when railways were first introduced in India? b.Lord Dalhousie
4. Konkan railways do not run through which of the following states a.Tamilnadu
5. In which city is the Indian railway institute of financial management being setup? c.Secunderabad
6. On which of the following is the largest railway bridge in India located? b.Vembanad lake
7. In which of the following city 3 zonal headquarters of Indian Railways located? a.Kolkatta
- 8.Who designed the first railway timetable? d.George Bradshaw
- 9.Which is the easternmost division of Indian Railways a.Tinsukia
10. Which of the following station has all the three gauges BG, MG and NG b.Siliguri
11. Over which of the following river is the world's highest railway bridge is being constructed a.Chenab
- 12.Who was the first railway minister of independent India c.John Mathai
13. Fairy Queen, one of the oldest steam locos in regular operation, plies between New Delhi and c.Alwar
14. What is the rank of India in world in terms of length of railroad network? d.Fourth
15. With which country does the Maitree express connect India b.Bangladesh

Talgo's coaches on 14.07.16 attained a speed of 180 kmph during their speed trials between Mathura and Palwal. The timing trial of Talgo train can be called successful. But the train cannot be pressed into service on Indian Railway system in its present form as it has less width and low footboard height. It can run on operational basis only after a few modifications:- Member/Rolling Stock.

The post 'Member/Mechanical' has been re-designated as 'Member/ Rolling stock', and 'Member/Electrical' as 'Member/ Traction.' EMU/MEMU, train sets, Electrical maintenance of all coaching stock are attached to Member/RS and Diesel Locos, related sheds, crew and running room and workshops (exclusively for locos), Energy/ Fuel management are attached to Member/ Traction.

Minister for Railways on 28.07.16 accorded in-principle approval for setting up a rolling stock components rehabilitation workshop in AP.

MR on 30.07.16, launched the commencement of work on the country's longest railway tunnel. The 11.5 km longest railway tunnel is one of the 46 tunnels covering a total distance of 54.5 km in between the Tupul-Imphal section in the on-going 111 km Jiribam-Tupul-Imphal Manipur railway project.

Railways have increased women berth quota to six in Mail/Express trains on non-suburban sections

All new officers joining Indian Railways will hold MBA degrees in specialisation of their choice, as per a fresh manpower upgrade move finalized. The National Academy of Indian Railways (NAIR) in Vadodara has prepared the new curriculum along with Gujarat-based Maharaja Siyajirao University (MSU). The university will anchor the 78-week training.

ICF is expected to roll out 415 Deen Dayalu coaches before the end of the year and 15 of them before the end of august.

Indian Railways is exploring options to allow corporate or individuals to name passenger trains on paying a fee.

Railways on 12.07.16 launched time-tabled Auto Express from Gurgaon to Nidvanda.

ICF has made air conditioned EMU coaches (one rake) with automatic closing doors. SR has told the Chennai high court that after experiments, it will be provided for non AC EMU coaches also.

In DEMU rakes AC chair cars have been provided @ 1 AC coach per rake. Complete rake with AC coaches are going to be manufactured in near future.

The Railway Board has asked the Chief Commercial Managers (CCMs) of all railway zones to promote and expand services of battery operated cars (BOCs). Currently, the facility is available free of cost at select railway stations in a limited manner.

The Railways has simplified the procedure of obtaining concession tickets for patients. They can now buy round trip tickets at one station — either in the one close to their homes or the place where the hospital they are seeking treatment is located.

Railway Minister, ministers of state for Railways and the entire Indian Railway fraternity expressed deep condolences over the sad demise of the 56 years old noted hockey player Mohammad Shahid, Sr Sports Officer/DLW who passed away on 20.07.16 due to multiple organ failure.

IR is forming up proposals to sell the garbage generated at stations across the country.