



**Shri Narendra Modi**  
Hon'ble Prime Minister

# **NEW RAILWAYS NEW ODISHA**

**(2014 - PRESENT)**







Desh ko *Gati* rail se  
*Pragati* bhi rail se

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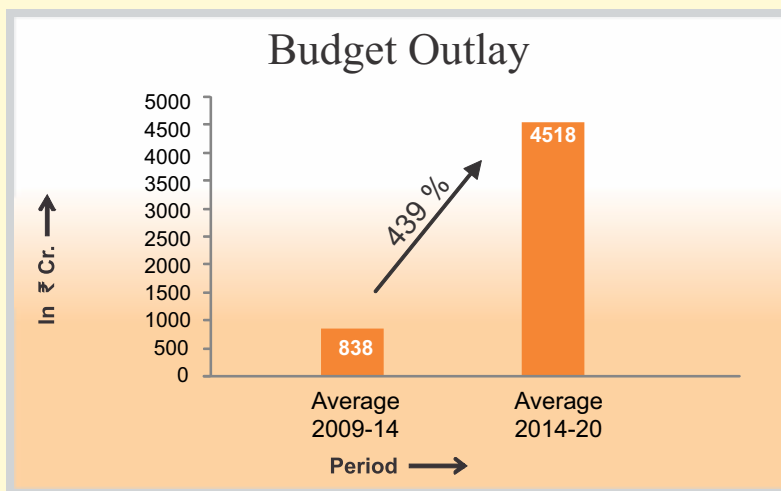




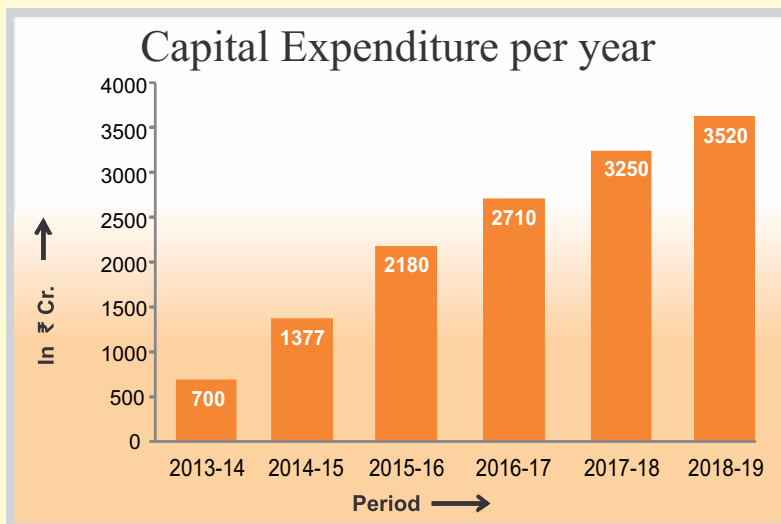
## INCREASED CAPITAL INVESTMENTS

Average Budget Grant per year		% Increase
2009 to 2014	2014 to 2020	2009-14 V/s 2014-20
₹838 Crore	₹4,518 Crore	+ 439%

The average budget grant has gone up from ₹838 Crore per year in 2009-2014 to ₹4,518 Crore per year in 2014-2020.



Average annual budget grant of Railways in Odisha increased by 439% in 2019-20 in comparison with 2009-14



Capital Expenditure increased by 403% in 2018-19 in comparison with 2013-14

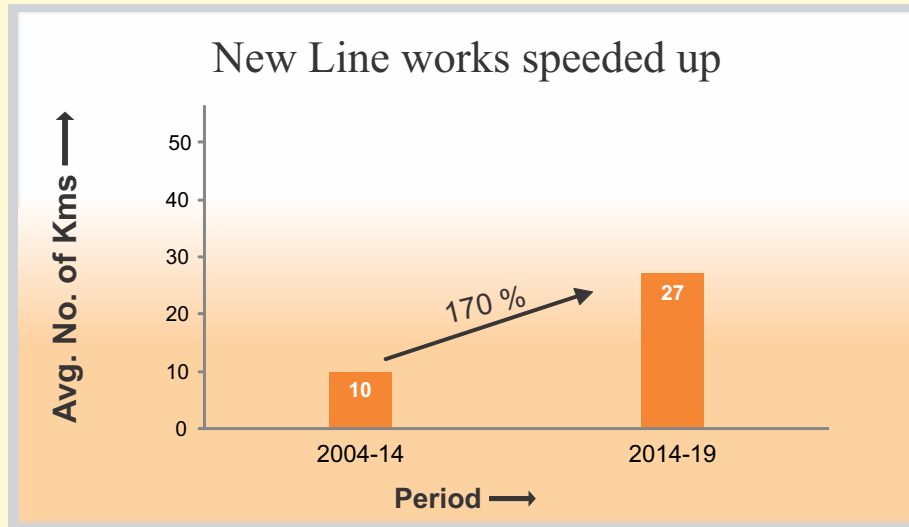
It may be noted that the budgets allocated to various projects are not apportioned State wise but reflect the cost of the project.



## Infrastructure Thrust

### New Lines completed in last 5 years

- ❖ 135 Kms New Lines completed in 2014-19 in comparison with 98 Kms in 2004-14



Construction of New lines has gone up from 10 Kms per year in 2004-14 to 27 Kms per year in 2014-19

### New Lines

- ❖ Khurda Road - Nayagarh Town (66 Kms)
- ❖ Jharsuguda - Sardega (50 Kms)
- ❖ Bichhupalli - Balangir (16 Kms)



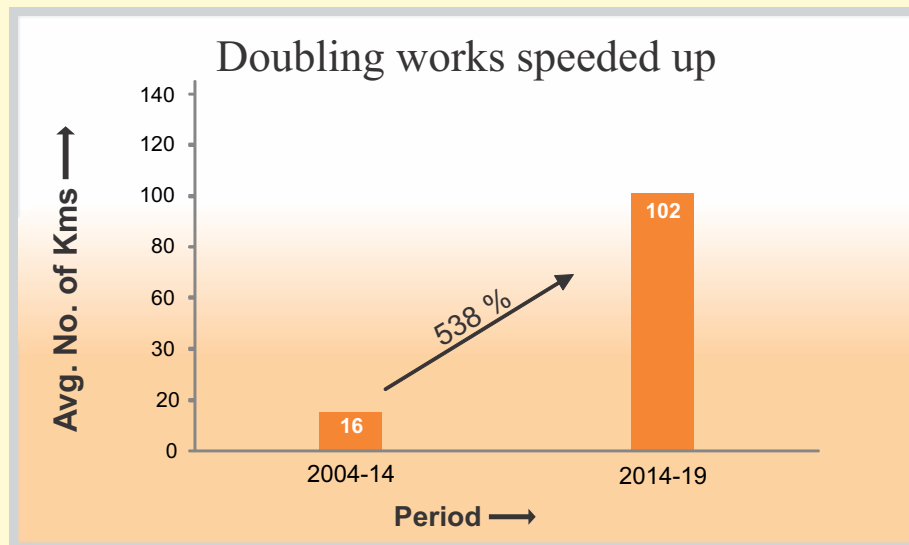
**New Line between Khurda Road and Nayagarh Town**



## Infrastructure Thrust

### Doubling Work completed in last 5 years

- ❖ 511 Kms Doubling work done in 2014-19 in comparison with 157 Kms in 2004-14



Doubling has gone up from 16 Kms per year in 2004-14 to 102 Kms per year in 2014-19

### Doubling of Tracks

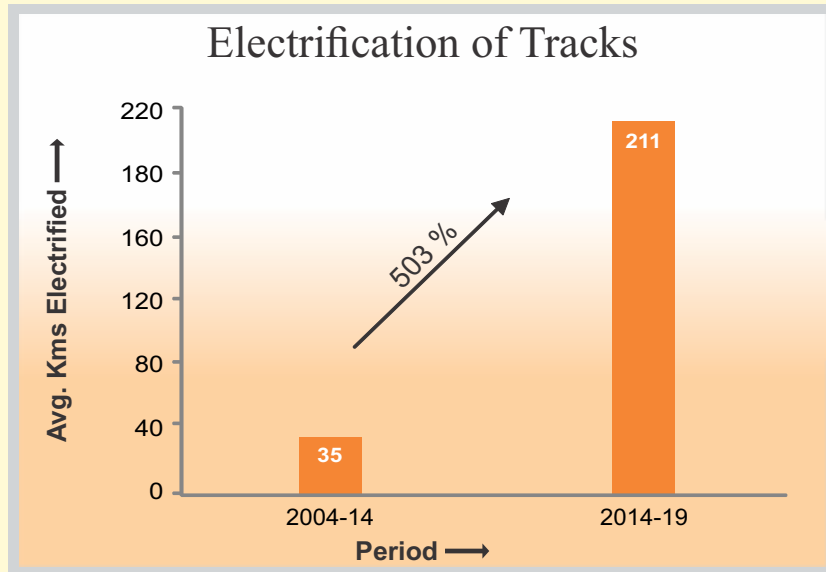
- ❖ Jharsuguda - Rengali Doubling (26 Kms)
- ❖ Delang - Puri Doubling (29 Kms)
- ❖ Sukinda Road - Jajpur Keonjhar Road By Pass Line (11 Kms)
- ❖ Bimlagarh-Patasahi (8 Kms) of Champajharan-Bimlagarh Doubling (21 Kms)
- ❖ Brajrajnagar - Lajkura (4 Kms)
- ❖ Manoharpur - Bondamunda Third Line (15 Kms)
- ❖ Amagura - Ambagaon (10 Kms)
- ❖ Ambagaon - Kotpar Road (8 Kms)
- ❖ Kotpar Road - Charumalakusumi (12 Kms)
- ❖ Kapilas Road - Salegaon (4 Kms)



# Infrastructure Thrust

## Fast Track Electrification

Electrification of tracks has gone up per year from 35 Kms between 2004-14 to 211 Kms between 2014-19.



- ❖ 1054 route Kms electrified since 2014
- ❖ Electrification of another 625 route Kms sanctioned in 2018-19 at a cost of ₹554 Crore

### Advantages

- ❖ Faster trains
- ❖ Environment friendly
- ❖ Lower energy costs



Electrified Train Route near Cuttack Station



# Infrastructure Thrust

## All Unmanned Level Crossings Eliminated

- ❖ All Unmanned Level Crossings has been eliminated by commissioning 13 Road Under Bridges (RUBs)/Sub-Ways, Diverting 07 Level Crossings to other substitute way and Manning 97 UMLCs.
- ❖ In the past five years, 525 numbers of Unmanned Level Crossings have been closed in East Coast Railway jurisdiction.
- ❖ Will avoid accidents at level crossings as well as increase sectional capacity



Shri Vidya Bhushan, GM, ECoR being felicitated by Shri M.L. Khattar, Hon'ble CM, Haryana and Shri Suresh Angadi, Hon'ble MOSR on the occasion of 64th National Railway Week Celebrations at Ambala for eliminating all UMLCs from ECoR's jurisdiction before target



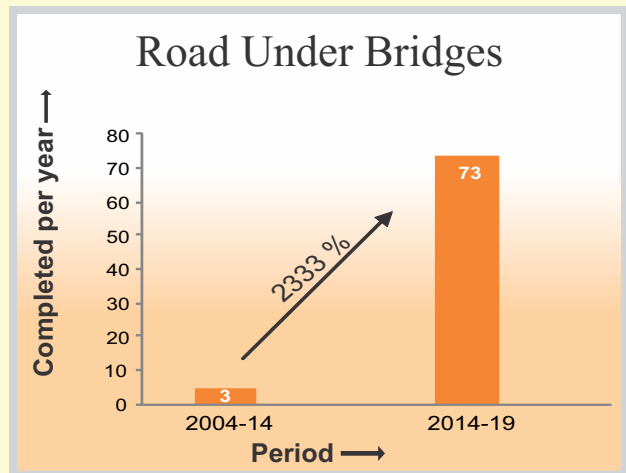
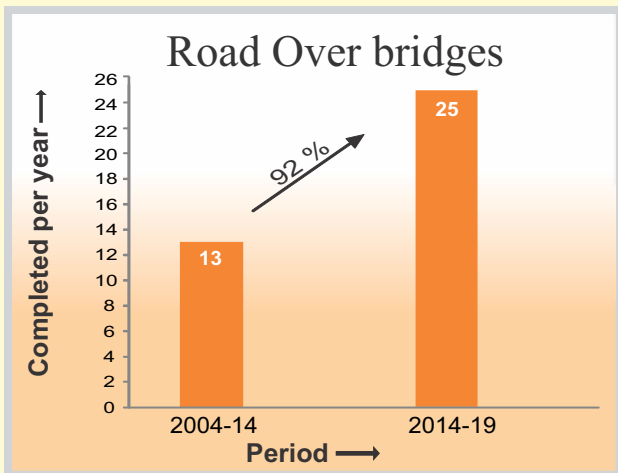




# Infrastructure Thrust

## Road Over Bridge & Road Under Bridge

- ❖ Facilitating uninterrupted and safe movement of road traffic
- ❖ Improving speed and safety



**Road Over Bridge at Malatipatpur**



**Road Under Bridge near Khurda Town Station**

## Works in Pipeline

- ❖ 5 new line projects of 690 Kms at a cost of ₹8,961 Crore
- ❖ Doubling, 3rd line & 4th line projects of 813 Kms
- ❖ New Lines work sanctioned for Jeypore-Malkangiri, Jeypore-Nabrangpur & Naupada-Gunupur New Broad Gauge Line upto Theruvali



## Upcoming Historic Project

**Jeypore-Malkangiri New Line Project**  
Connectivity to economically and socially backward districts

Rail connectivity to **LWE affected and aspirational districts** of Malkangiri and Koraput districts in Odisha

Provide basic infrastructure support for overall development including **industrial development of the area**

Combat left wing extremism by bringing economic and **employment opportunities** to the region

**Employment** generation during construction of about 31 lakh man days

- ❖ Government approved 130 Kms Jeypore-Malkangiri New Line project to be completed by 2022
- ❖ At present Malkangiri has no Rail connectivity
- ❖ Completion Cost ₹ 2,676 Crore
- ❖ Will result in short lead to many other places of Odisha, Chhattisgarh and Andhra Pradesh



## Odisha Connected - Passenger Focus

### 44 New Trains Introduced between 2014-19

1. Train No. 58505/58506 Gunupur -Visakhapatnam-Gunupur Passenger
2. Train No. 58303/58304 Sambalpur-Bhawanipatna-Sambalpur Passenger
3. Train No. 22810/22809 Visakhapatnam-Paradeep-Visakhapatnam Weekly Superfast Express
4. Train No. 22839/22840 Howrah-Chennai Central-Howrah AC Premium Weekly Superfast Express
5. Train No. 22814/22813 Santragachi-Paradeep-Santragachi Weekly Superfast Express
6. Train No. 18111/18112 TATA-Yesvantpur-TATA Weekly Express
7. Train No. 19453/19454 Gandhidham-Puri-Gandhidham Weekly Express
8. Train No. 78103/78104 Rourkela-Sambalpur-Rourkela DEMU
9. Train No. 58427/58428 Khurda Road-Begunia-Khurda Road Passenger
10. Train No. 58429/58430 Khurda Road -Begunia-Khurda Road Passenger
11. Train No. 22863/22864 Howrah-Yesvantpur-Howrah AC Weekly Express
12. Train No. 22837/22838 Hatia-Ernakulam-Hatia Weekly Superfast Express
13. Train No. 12504/12503 Kamakhya-Bangalore Cant-Kamakhya Humsafar Express
14. Train No. 22887/22888 Howrah-Yesvantpur-Howrah Humsafar Express
15. Train No. 22877/22878 Howrah-Ernakulam-Howrah Antyodaya Express
16. Train No. 20889/20890 Howrah-Vijaywada-Howrah Weekly Humsafar Express
17. Train No. 22833/22834 Bhubaneswar-Krishnarajpuram-Bhubaneswar Weekly Humsafar Express
18. Train No. 20817/20818 Bhubaneswar-New Delhi-Bhubaneswar Rajdhani Express (via Sambalpur City, Jharsuguda)
19. Train No. 19318/19317 Puri-Indore-Puri Weekly Humsafar Express
20. Train No. 22841/22842 Santragachi-Chennai-Santragachi Antyodaya Express
21. Train No. 58305/58306 Bolangir-Bichhupali-Bolangir Passenger
22. Train No. 58307/58308 Bolangir-Bichhupali-Bolangir Passenger

### Services of 8 Trains Extended

1. Jammu Tawi-Rourkela Link Express upto Sambalpur
2. Sambalpur-Bhawanipatna Passenger upto Junagarh Road
3. Bhawanipatna-Raipur Passenger upto Junagarh Road
4. Bhubaneswar-Chhatrapur Passenger upto Brahmapur
5. Khurda Road-Bolgarh Road Passenger upto Nayagarh Town
6. Rupsa-Baripada DEMU upto Bhanjapur
7. Rourkela-Bhubaneswar Rajyarani Express upto Gunupur
8. Hazarat Nizamuddin - Raigarh Gondwana Express upto Sambalpur



# Odisha Connected - Passenger Focus



Hon'ble Prime Minister Shri Narendra Modi inaugurating / dedicating a basket of projects at Balangir in presence of Hon'ble Governor of Odisha Shri (Prof.) Ganeshi Lal, Hon'ble Union Minister Shri Dharmendra Pradhan, Hon'ble Union Minister Shri Jual Oram and other dignitaries



Passenger Amenities works dedicated by Hon'ble Union Minister Shri Dharmendra Pradhan at Sambalpur



Railway projects dedicated / inaugurated by Hon'ble Union Minister Shri Dharmendra Pradhan and Hon'ble Union Minister of State Shri Manoj Sinha at Bhubaneswar



Passenger Amenities works dedicated by Hon'ble Union Minister Shri Dharmendra Pradhan and Hon'ble Union Minister Shri Radha Mohan Singh at Cuttack

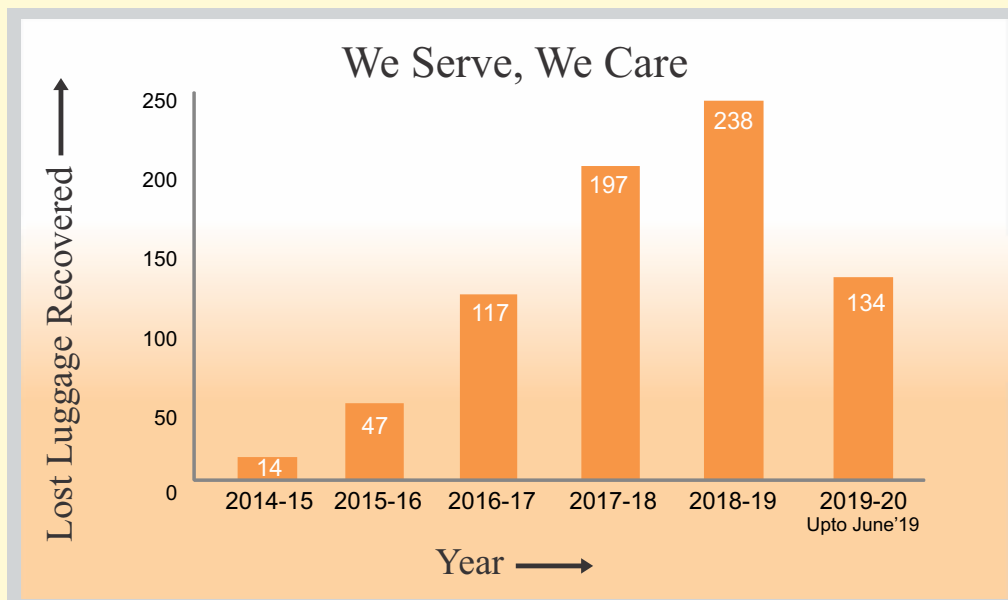


Dedication of Passenger Amenities works by Hon'ble Union Minister Shri Jual Oram at Bhadrak



## Passenger Security

- ❖ Total **187** CCTVs have been installed at different Important Stations like Puri, Bhubaneswar, Cuttack, Rayagada, Jharsuguda, Rourkela
- ❖ RPF has successfully arrested **94 criminals** (in 2019 upto June) involved in various crimes against passengers in trains & Railway premises
- ❖ 24X7 all India toll free RPF security helpline (182) to assist passengers in distress
- ❖ Total 747 lost luggage recovered during last 5 years



**RPF personnel monitoring CCTV footage and luggage scanner**



# Focus on Stations

## New Station Buildings



**Malatipatpur**



**Bhubaneswar New**



**Naraj Marthapur**



**Sakhigopal**



**Deobahal**



**Rajsunakhala**



# Focus on Stations

## New Station Buildings



**Bhubaneswar Second Entry**



**Bichhupali**



**Khurda Town**



**Bolgarh Road**



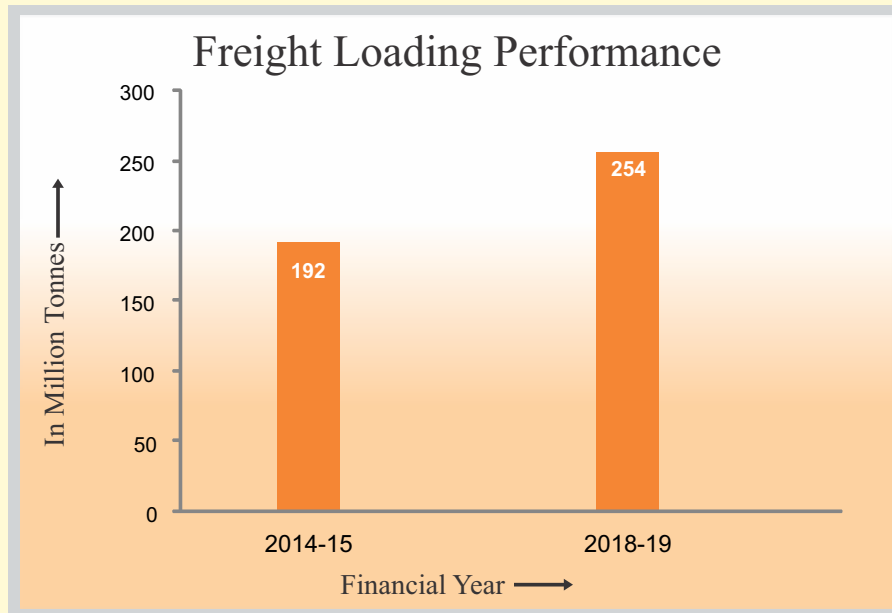
**Nayagarh Town**



**Begunia**



## Moving Odisha's Economy : Freight



- ❖ Providing essential raw materials to Power Plants and Industries
- ❖ Backbone of operations at 3 Important Ports-Paradeep, Dhamra & Gopalpur



**A Long Haul Freight Train passing over East Coast Railway jurisdiction**

- ❖ 12 private sidings commissioned in the last 5 years
- ❖ Dunguripalli, Junagarh Road, Brundamal and Kakriguma - 4 new stations opened for handling goods traffic





## Passenger Amenities

- ❖ **Adarsh Stations** : 18 Stations have been upgraded as Adarsh Stations during last 5 years
- ❖ **Extension of Platforms** : Extension of Platforms and additional Platforms were provided at 62 Stations during last 5 years
- ❖ **Foot Over Bridges** : Foot Over Bridges at 61 Stations were provided between 2014-19. To enhance the safety of rail users, Railways have decided to provide Foot Over Bridges at all the small stations. Now, all the small stations including Passenger Halts of Odisha will get their first over bridge
- ❖ **Washable Aprons** : For better hygienic environment, 50 Stations have been provided with Washable Aprons between 2014-19



**Koraput Station to be developed as Adarsh Station**



**Extended Platform of Boinda Station**



**Foot Over Bridge at Sakhigopal**



**Washable Apron at Bhubaneswar**



## Passenger Amenities

- ❖ **Lifts & Escalators :** 11 Lifts have been provided at Bhubaneswar, Cuttack, Rourkela, Brahmapur and Sambalpur. 20 Escalators have been installed at Bhubaneswar, Rourkela, Sambalpur, Cuttack, Brahmapur, Khurda Road and Jharsuguda.
- ❖ **Automatic Sanitary Pad Vending Machine :** Automatic Sanitary Pad Vending Machines have been installed at Bhubaneswar, Khurda Road and Sambalpur Stations. This service has been extended in some important Express Trains also, first time in Indian Railways.
- ❖ **Station Ticket Booking Sevak & Automated Ticket Vending Machine:** 139 Station Ticket Booking Sevak were provided during last 5 years. 44 Automated Ticket Vending Machines also provided at important Stations
- ❖ **Water Vending Machine :** Water Vending Machines have been installed at about 94 locations at 21 Stations of Odisha



**Escalator at  
Bhubaneswar Station**



**Sanitary Pad Vending Machine**



**Automatic Ticket Vending Machine**



**Water Vending Machine  
at Rourkela Station**



## Passenger Amenities

- ❖ **Air-Conditioned Waiting Halls** : All major Railway Stations of Odisha have been provided with Air-Conditioned Waiting Halls
- ❖ **Battery Operated Vehicle** : Battery Operated Vehicles have been provided for Senior Citizens and Divyang-Jan at Bhubaneswar, Puri, Cuttack and Titlagarh
- ❖ **Medicine Store** : Facilities of Medicine Store have been provided at Bhubaneswar and Puri Stations
- ❖ **Food Plaza** : Food Plazas have been opened at Bhubaneswar, Puri, Cuttack, Jajpur-Keonjhar Road, Brahmapur, Rourkela, Jharsuguda and Sambalpur Railway Stations
- ❖ **Foldable Portable Ramp** : For convenience of Divyang Passengers, Portable Wheel Chair Ramp facilities are now available at Bhubaneswar, Sambalpur stations and being extended to other Stations



**Air-Conditioned Waiting Hall  
at Rourkela Station**



**Battery Operated Vehicle  
at Puri Station**



**Medicine Store  
at Bhubaneswar Station**



**Foldable Portable Ramp  
for Divyang Passengers**



## Service for Pilgrims



### Rath Yatra

- ❖ 194 special trains in addition to other regular trains ran to and from Puri for convenience of pilgrims in 2019
- ❖ Special Ticket Counters, Medical Facilities and Security Arrangement for the large gathering of pilgrims during Rath Yatra
- ❖ A state of the art transit complex of 3,000 Sqm size for Rath Yatra pilgrims
- ❖ 76 Toilets have been provided in circulating area and tourist complex for ladies and gents at Puri Railway Station
- ❖ Special Mobile App “ECoR YATRA” launched for pilgrims with information about of special trains, transport facilities, Rath Yatra Schedule etc.



**Puri Railway Station  
during Rath Yatra**



**Transit Complex  
for Rath Yatra pilgrims**



**Medical Assistance Booth**



**Special Ticket Counters**



## Innovations

### Pre-Fabricated Residential Accommodation for Railway Staff



**Pre-Fabricated Residential Building at Jakhapura**

- ❖ 3 Storeyed Building Built in record 4 months
- ❖ Environment Friendly. No Trees Cut / Facility for Rainwater Harvesting
- ❖ Minimal Expenditure
- ❖ Innovative Method / Durable Construction with Fire-Proof Building

### Micro-Tunnelling



**Micro-Tunnelling process in progress at Bhubaneswar Station**

- ❖ Micro-Tunnelling method has been used 1st time any where on entire Indian Railways to clear the logged water from Bhubaneswar Station Yard
- ❖ It has been done in 30 days without any traffic block without affecting train movement



## Painting with Local Art Forms

- ❖ Bhubaneswar, Rairakhol, Jharsuguda, Sambalpur, Puri and Jajpur-Keonjhar Road Railway Stations have recently carried out wall paintings with exclusive, exquisite and artistic masterpieces, each a visual treat

### At Bhubaneswar Railway Station



### At Jharsuguda Railway Station





# Painting with Local Art Forms

At Sambalpur Railway Station



At Rairakhol Railway Station



At Puri Railway Station



At Jajpur-Keonjhar Road Railway Station





## Green Initiatives

- ❖ **Bottle Recycling Machine** : Bottle Recycling Machines have been installed at Bhubaneswar & Puri Railway Stations to avoid plastic garbage at the station premises and on tracks
- ❖ **Bio-Toilets** : Trains originating / terminating in Odisha are fitted with 6148 bio-toilets in 1689 Coaches. Khurda Road - Puri Section has been declared as Green Train Corridor. All the trains running in this section will be provided with bio-toilets
- ❖ **Solar Energy** : 2 x 50 KWP Solar Power Plant has been installed at Rail Sadan (ECoR HQ) roof top. Solar Water Geysers have been provided in driver/guard running rooms at Puri and Angul. 6 Solar Panels have also been installed at Baripada Station for station lighting. Total 988 KWP Solar modules provided for Solar Energy during last 5 years
- ❖ **Water Treatment Plant** : In order to prevent soil pollution, Effluent Water Treatment Plants are functioning at several Diesel and Electric Loco sheds. Sewerage water is disposed off through the designated pipeline with a specified method to avoid soil pollution



**Bottle Recycling Machine at Puri Station**



**Bhubaneswar-Tirupati Express Train fitted with Bio-Toilets**



**Solar Power Plant at Rail Sadan Roof Top**





## Digital India

### Fast & Free Wi-Fi

- ❖ Fast & Free Wi-Fi facility provided at 92 Stations over Odisha
- ❖ More than 30 Railway Stations are situated in Tribal / Remote areas



Use of Free Wi-Fi facility at Sakhigopal Railway Station

### Digital Transactions

- ❖ Cashless transactions can be made through digital payment app and POS machines at major stations
- ❖ 198 POS machines have been provided at 125 locations over Railway Stations in Odisha



Issue of Ticket through POS machine at Puri Railway Station



## Digital India

### Electronic Chart Display Board

- ❖ For the convenience of the passengers, Electronic Reservation Chart display boards have been provided at Bhubaneswar, Puri and Cuttack Railway Stations. Will be extended to other Railway Stations shortly



**Electronic Chart Display Board at Cuttack Railway Station**

### E-Catering and Online booking of Retiring Room

- ❖ E-catering facility for online booking of catering services has been introduced at important stations and in trains. Online booking of Retiring Rooms and Dormitories has been introduced at all important stations of Odisha



**AC Dormitory at Bhubaneswar Station**



## Capacity Enhancement

### MEMU Shed at Khurda Road



**Newly constructed MEMU Shed at Khurda Road**

- ❖ Mainline Electric Multiple Unit (MEMU) Shed construction completed at Khurda Road to provide maintenance facility for MEMU trains
- ❖ Will improve punctuality of passenger trains

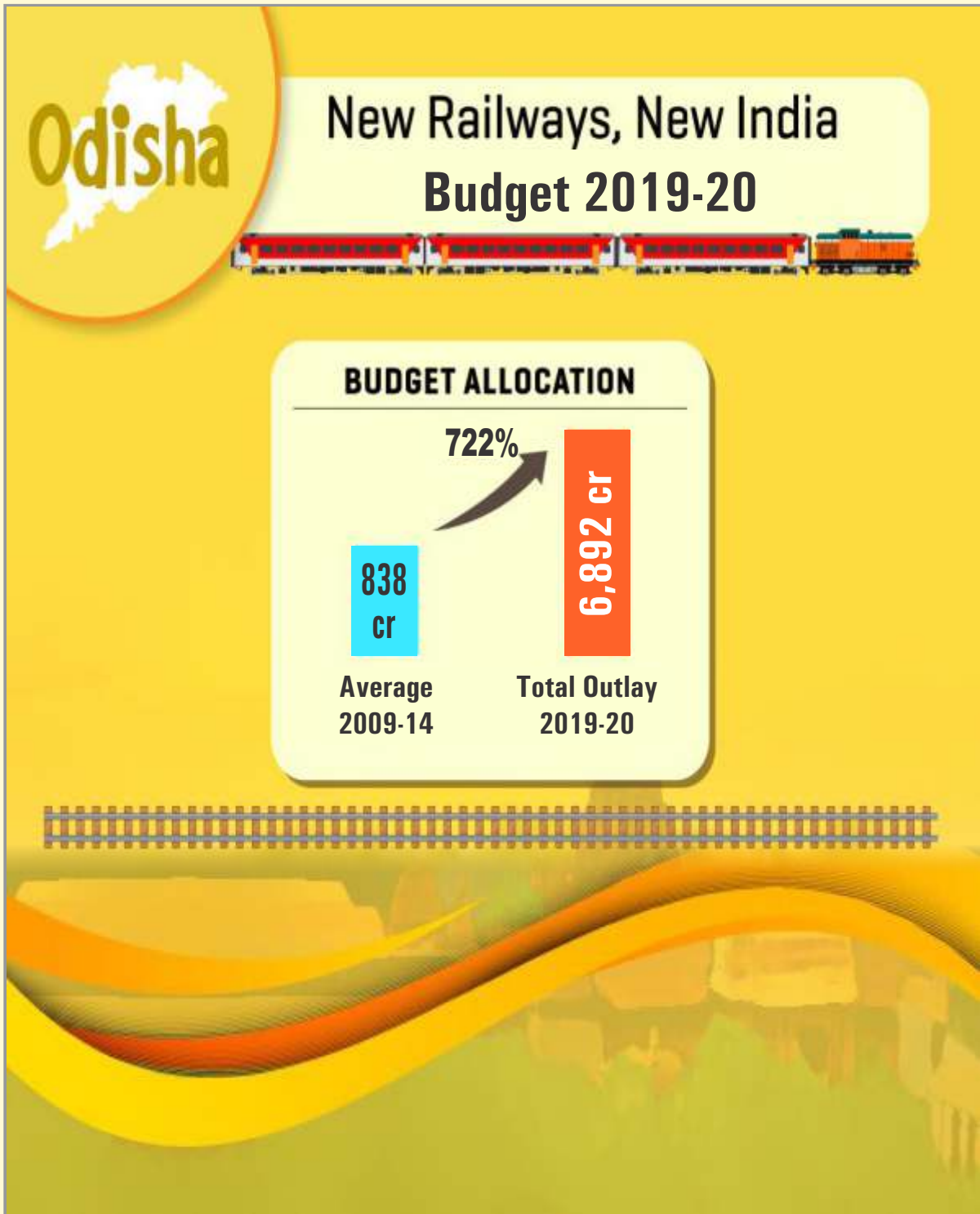
### Mechanised BOOT Laundry at Sambalpur



- ❖ To provide good quality of washed linens for the comfort & satisfaction of passengers during train journey, a Boot Model Mechanised Laundry has been provided at Sambalpur Coaching Depot at a cost of Rupees 6.45 Crores.

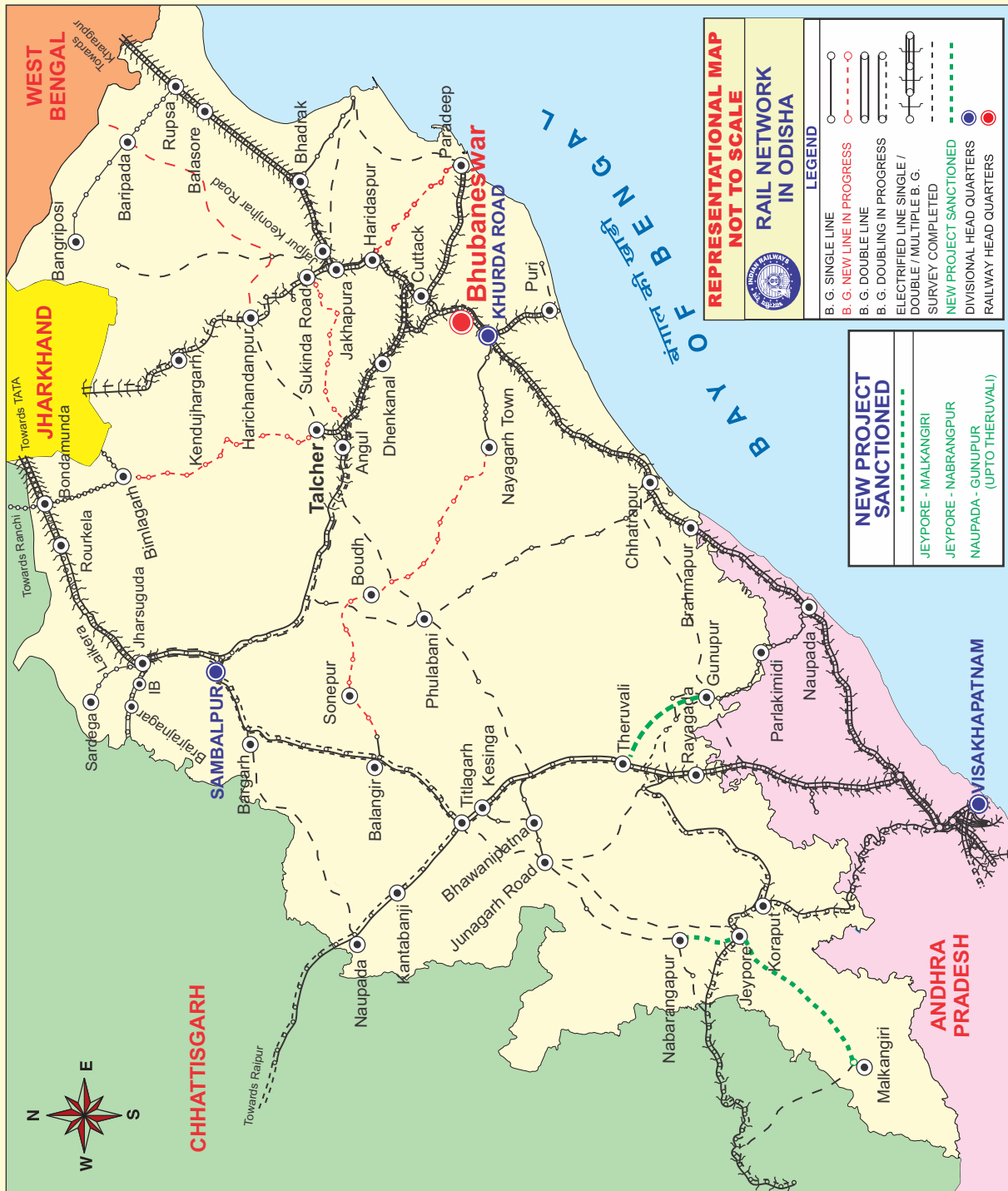


## Road Ahead





# Road Ahead





## Road Ahead



Double Line Track on all important Routes

Completely Electrified Network

New Range of Train Services

Modern Station Buildings with State of the Art  
Passenger Amenities



