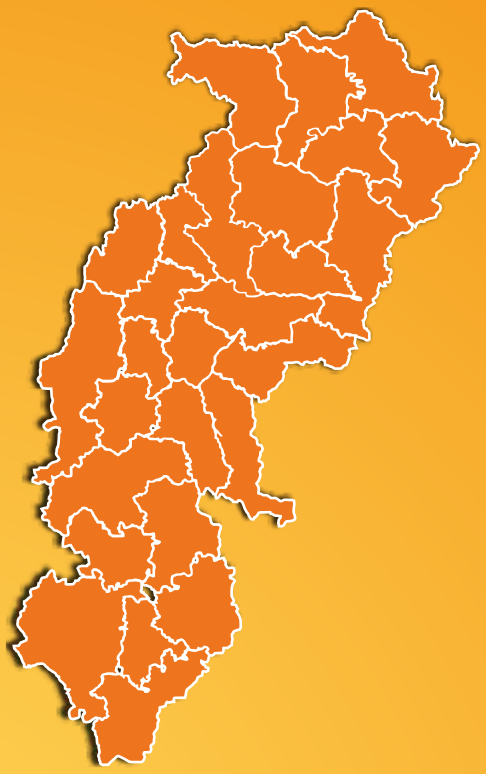


Shri Narendra Modi

Hon'ble Prime Minister



NEW RAILWAYS
NEW CHHATTISGARH

(2014-2021*)









* As on 31.03.2021





दवाई दुकान


आर.ओ. जल R.O. WATER




CHILD CARE CABIN
शिशु देखभाल कक्ष
CHILD CARE CABIN

WELCOME TO BOOKING

REFRESHMENT ROOM
भोजनालय
PARCEL THALI AVAILABLE






Indian Railways the growth engine of the Nation's vikas yatra

Shri Narendra Modi

Hon'ble Prime Minister



सत्यमेव जयते

PREFACE

Indian Railways is lifeline of our country. It has continuously fuelled the socio-economic growth of the nation and ushering new horizon of progress and prosperity in every regions of Country including the State of Chhattisgarh.

Indian Railways has continuously provided fillip to the industrial growth of Chhattisgarh. Being mineral rich state, Chhattisgarh has immense requirement of railway network expansion. To fulfil these requirement, Railways and Chhattisgarh government are working in close cooperation. Moreover, many projects are being executed jointly by State Government and Railways.

In Chhattisgarh, many important decisions pertaining to Railway projects have been taken during seven years. On one hand railway connectivity is being extended to remote interiors of iron rich Rowghat. On the other hand Coal rich Mand region of East Central Chhattisgarh is being tapped through two important corridors. Besides this, Railway board has given in principle approval to two new lines, Kharsia -Baloda Bazaar-Naya Raipur-Durg and Katghora-Kawardha-Dongargarh. With completion of these projects, Railways network will expand to remote parts of Chhattisgarh which will open new doors of development for these untouched areas.

The achievements of railways and ongoing projects in State of Chhattisgarh has been mentioned in this Booklet.

Budget 2021-22

Passenger Amenities

Work	Amount (₹In Crore)
Passenger amenities in Chhattisgarh	**₹194**
Road Safety works-Road Over /Under Bridge	**₹269**

Budget 2021-22

Plan Head	Budget Grant (₹ in crore)
New line, Doubling	2,139
Traffic Facilities - Yard Remodelling & Others	30
Computerisation	2
Road Safety Works-Level Crossings	7
Road Safety Works-Road Over/Under Bridge	269
Track Renewals	274
Bridge Works, Tunnel works and Approaches	12
Signaling and Telecommunication Works	45
Other Electrical Works	10
Workshops including production Units	16
Staff Welfare	9
Passengers Amenities	194
Other Specified Works	6
Total	**3,013 crore**

Infrastructure



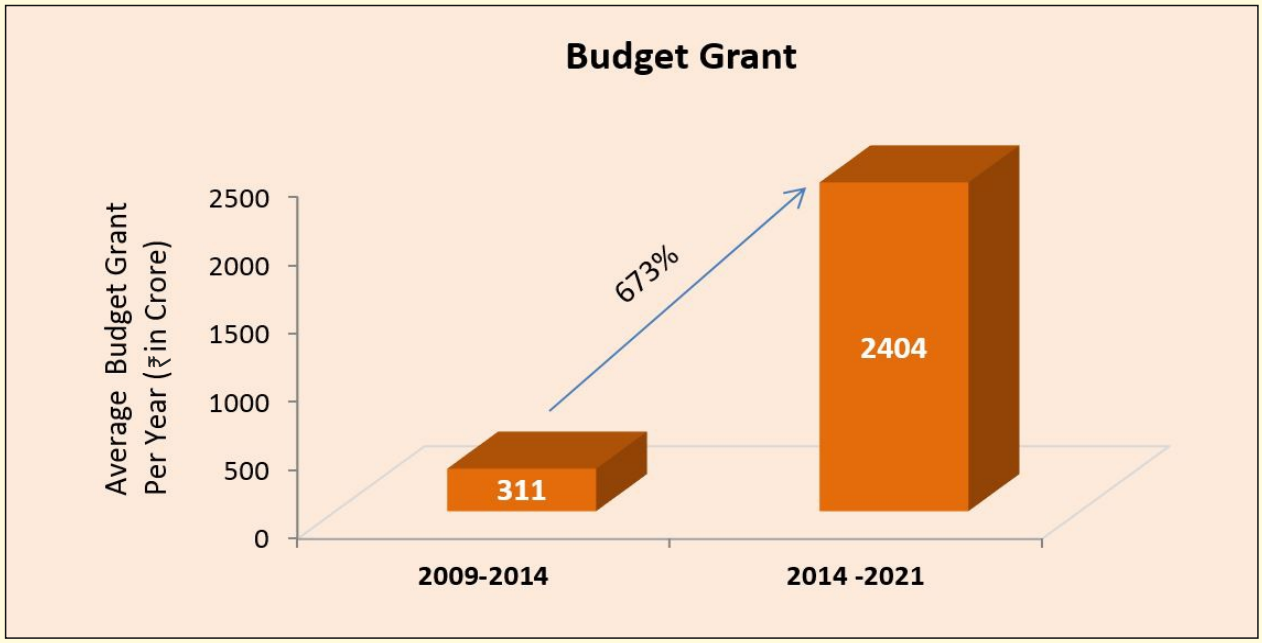
Non Interlocking work at Pendra Road - Anuppur 3rd line



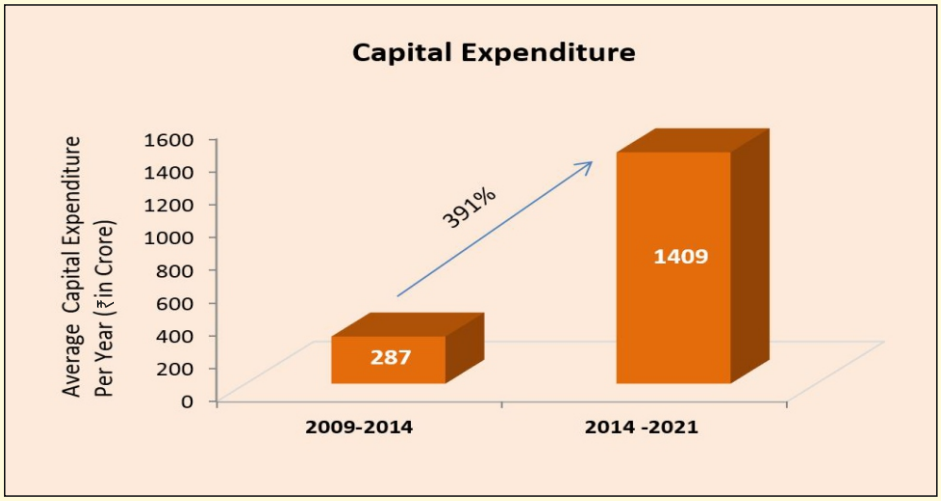
CRS inspection at Pendra Road - Nigoura 3rd line

Increased Capital Investments

Average Budget Grant per year		
2009 - 14	2014 - 21	% Increase
₹ 311 crore	₹ 2,404 crore	₹ 673%



Average Capital Expenditure per year		% Increase
2009-2014	2014-2021	0%
₹ 287	₹ 1,409 crore	₹ 391%



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

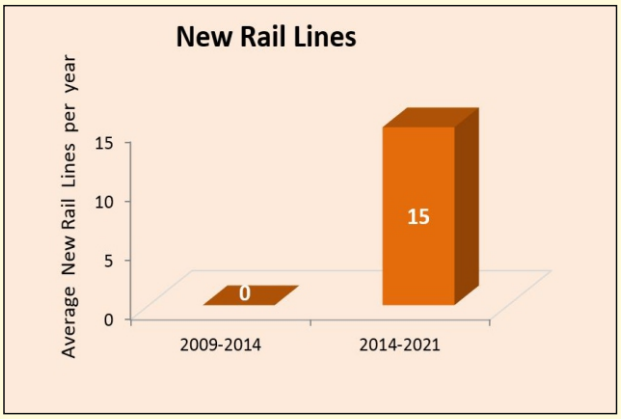
Infrastructure Thrust

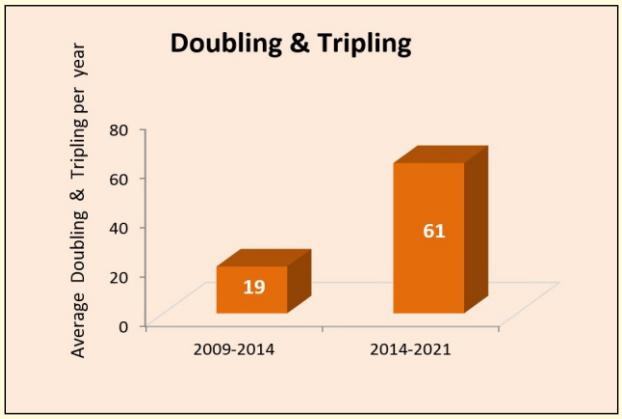
Works completed

- 103Kms. new lines completed
- 428 Kms. doubling & tripling done

Construction work

Average New Rail Lines Per Year (in Km)		Average Doubling/Tripling Rail Lines Per Year (in Km)	
2009-14	2014-21	2009-14	2014-21
0.00	15	19	61





Project Name	Section	Cost
Dallirajhara-Rowghat New Line	Dallirajhara-Gudum 17 Kms.	₹ 204 crore
	Gudum-Bhanupratappur 17 Kms.	₹ 200 crore
	Bhanupratappur-Keoti 8 Kms.	₹ 120 crore
	Keoti-Antagarh 17 Km	₹267 crore
Kharsia-Dharamjaigarh New Line	Kharsia-Korichhapar 44 Kms.	₹ 374 crore
Bilaspur – Urkura 3rd Line	Silyari-Urkura 18 Kms.	₹ 44 crore
Durg-Rajnandgaon 3rd Line	Rasmara-Rajnanadgaon 22 Kms.	₹ 166 crore
Anuppur-Bilaspur Doubling	Pendra Road-Khodri 14 Kms.	₹ 133 crore
Bilaspur-Jharsuguda 3rd & 4th Line	Kirodimal Nagar-Jamga 27 Kms. Champa-Saragaon 18 Kms.	₹ 409 crore
Pendra Road - Anuppur 3rd Line	Pendra Road-Nigaura 28 Km	₹250 crore

Projects Sanctioned

- New Rail Lines Project of 1214 Kms. for ₹ 23,532 crore
- Doubling and Tripling Project of 651 Kms. for ₹ 4,953 crore
- Gauge Conversion Project of 67 Kms. for ₹ 582 crore
- 10 surveys for new projects in progress

New Line

Project Name	Length	Cost
Dallirajahara-Jagadalpur	235 Kms.	₹ 3,742 crore
Kharsia-Dharamjaigarh	102 Kms.	₹ 3,055 crore
Gevra Road-Pendra Road	135 Kms.	₹ 4,919 crore
Barwadih-Chirimiri	105 Kms.	₹ 656 crore
Kharsia-Baloda Bazar-Naya Raipur-Durg	266 Kms.	₹ 4,900 crore
Dongargarh-Khairagarh-Kawardha-Katghora	277 Kms.	₹ 4,821 crore
Dharamjaigarh-Korba	63 Kms.	₹ 1,154 crore
Chirimiri-Nagpur halt	11 Kms.	₹ 114 crore
Mandirhasaud-Kendri	20 Kms.	₹ 171 crore

Doubling

Project Name	Length	Cost
Bilaspur-Urkura (Completed)	110 Kms.	₹ 363 crore
Salka Road-Khongsara (Completed)	26 Kms.	₹ 144 crore
Khodri-Anuppur	29 Kms.	₹ 177 crore
Champa-Jharsuguda 3rd line	99 Kms.	₹ 795 crore
Durg-Rajnandgaon 3rd line (Completed)	31 Kms.	₹ 230 crore
Rajnandgaon-Nagpur 3rd line	50 Kms.	₹ 419 crore
Jharsuguda-Bilaspur 4th line	153 Kms.	₹ 1,466 crore
Pendra Road-Anuppur 3rd line	18 Kms.	₹ 139 crore
Gevra Road-Pendra Road	135 Kms.	₹ 1,220 crore

Gauge Conversion

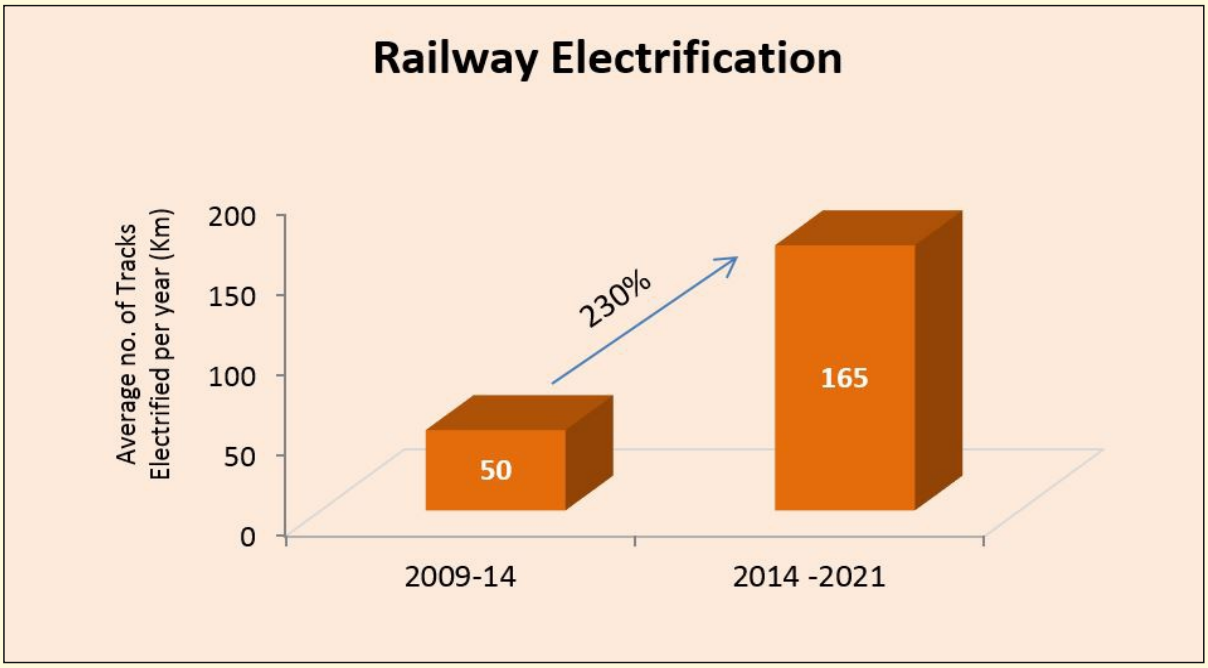
Project Name	Length	Cost
Kendri-Dhamtari	67 Kms.	₹ 582 crore

Surveys

Project Name	Length
New line between Talaipalli-Raigarh upto Gharghoda under Raigarh-Mand Coalfields corridor project	36 Kms.
New line between Narayanpur-Dantewada	100 Kms.
New line between Saja-Bhatapara	85 Kms.
New line between Surajgarh-Bijapur	300 Kms.
New line between Jabalpur-Pendra	240 Kms.
Bilaspur-Nagpur 4th line	412 Kms.
New line from Raipur-Rajim, Gariyabandh, Mainpur, Devbhog to Bissamcuttack	319 Kms.
New line between Bhatgaon-Pratappur-Vadrof Nagar-Renukoot	331 Kms.
New line between Renukoot and Korba via Ambikapur	331 Kms.
New line between Ambikapur-Garhwa	170 Kms.

Electrification in Chhattisgarh

Average no. of Tracks Electrified per year (in Km)	
2009-14	2014-21
50	165



Advantages

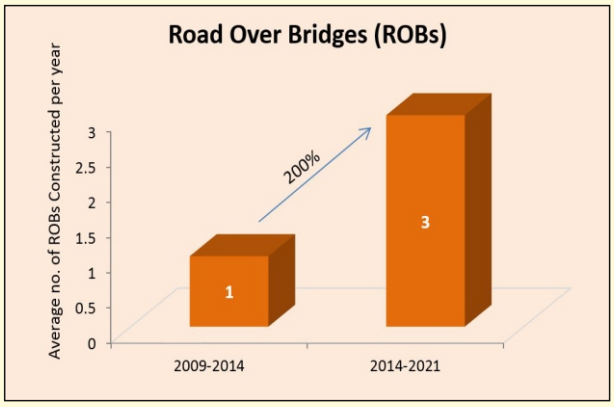
- Faster trains
- Environment friendly
- Lower energy costs

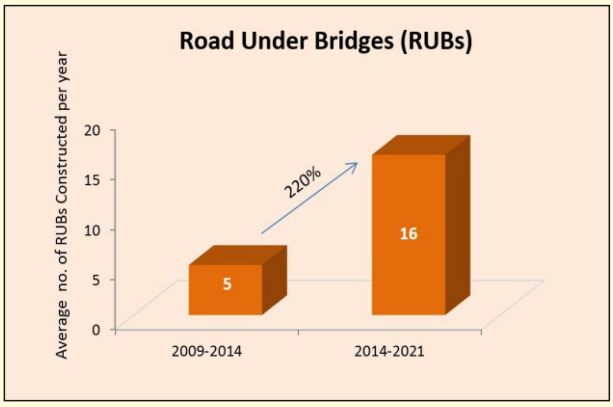


Road Over Bridges (ROBs) & Road Under Bridges (RUBs)

- Facilitating uninterrupted and safe movement of road traffic
- Improvement in safety and speed of trains
- 18 Road Over Bridges and 114 Road Under Bridges completed in last 7 years

Average no. of Road Over Bridges (ROBs) Constructed per year		Average no. of Road Under Bridges (RUBs) Constructed per year	
2009-14	2014-21	2009-14	2014-21
1	3	5	16







Chuchuhiyapara Road Under Bridge



Kumhari Road Under Bridge

Elimination of Unmanned Level Crossings (UMLCs)

- All Unmanned Level Crossings in Chhattisgarh on 'A' Route (Jharsuguda to Nagpur) have been eliminated



Chakarbhata Level Crossing



Chakarbhata Road Under Bridge

Capacity Enhancement work

- The capacity of Bhilai Loco Shed has increased from 210 in 2014 to 260 at present
- The capacity of Diesel Loco Shed has increased from 141 in 2014 to 197 at present
- Electric Loco Shed at Bilaspur started from 7th October 2018
- Inland Container Depot (ICD) started at (Mandir Hasaud) Raipur



Diesel Loco Shed, Raipur



Electric Loco Shed, Bhilai





Electric Loco Shed, Bilaspur

Focus on Stations



Bilaspur Station



Raipur Station

100 feet Monumental Flag Installed at Bilaspur, Raipur, Durg, Balod, Dongargarh, Rajnandgaon, Raigarh, Janjgir-Naila & Korba Stations.

❖ 6 New Stations Gudum, Salaitola, Bhainsbod, Bhanupratappur, Keoti and Antagarh constructed in last 7 years.



Bhanupratappur Station



Bhainsbod Station



Keoti Station



Gudum Station



Passenger Amenities

- Foot Over Bridges Provided in 51 stations
- 8 Lifts introduced in 3 stations
- 6 Escalators introduced in 3 stations
- Platform Extension/ Raising in 86 stations
- 16 Automatic Ticket Vending Machine facility available in 13 stations
- 2 Electronic Chart Display available in 4 stations
- E-Catering facilities available in 8 stations

Foot Over Bridge (FOBs) at Stations









Lifts



Durg Station



Raipur Station

Escalators



Rajnandgaon Station



Durg Station

Extension of Platforms



Kumhari Station



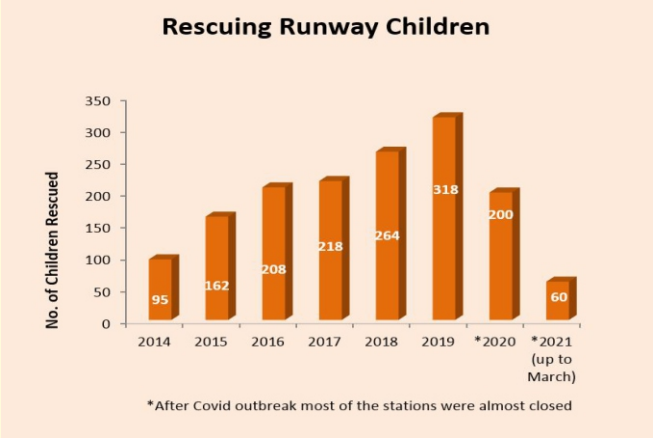
Gunderdehi Station

Passenger Security

- CCTV Cameras installed - Bilaspur (84), Raipur (55), Durg (26), Rajnandgaon (13), Raigarh (9), Champa (8), Korba (8) and Dongargarh (15) stations
- Integrated Security System installed at Bilaspur and Raipur stations



Monitoring through CCTV







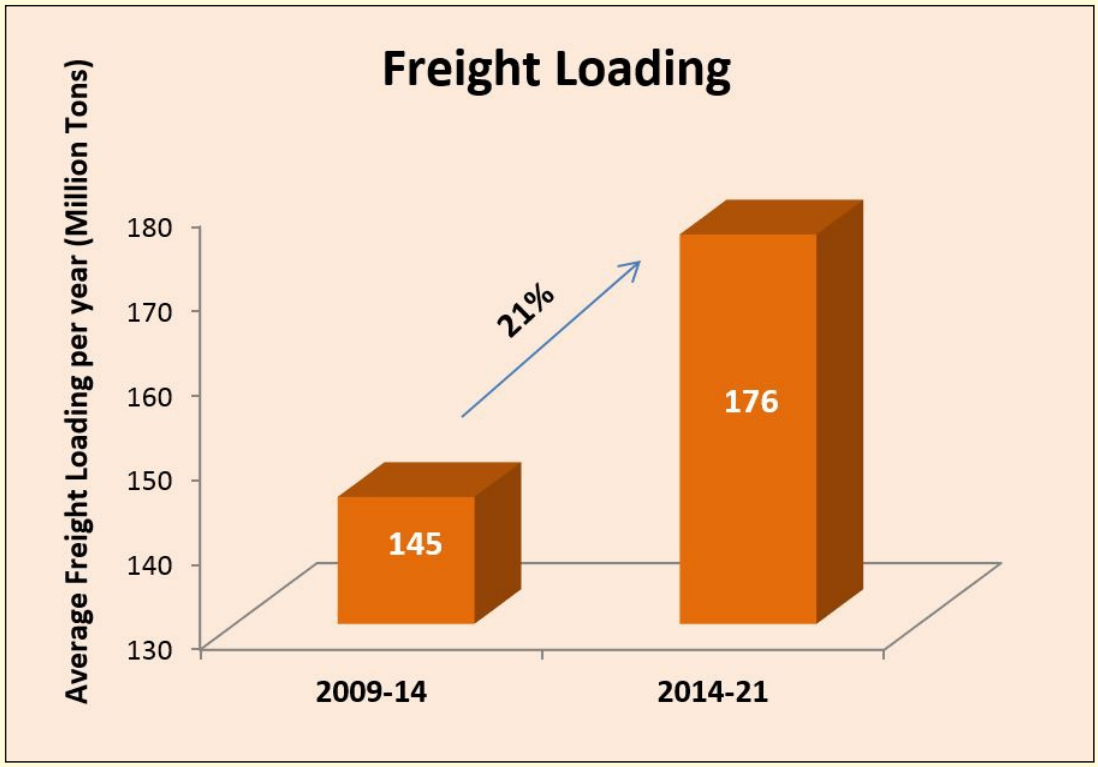
Missing Children rescued & handed over to their families



Lost Luggage handed over to the owners

Moving Chhattisgarh's Economy: Freight

- 16 Private sidings commissioned in last 6 years.
- New Goods Terminal at Kargi Road, Gudum, Chhal, Gharghora and Korichapar
- 18 New stations opened for handling goods traffic





2.8 kilometer (4 rakes together) long haul train "Shesh Naag" successfully run

Digital India

Fast & Free Wi-Fi

❖ Provided at 115 stations

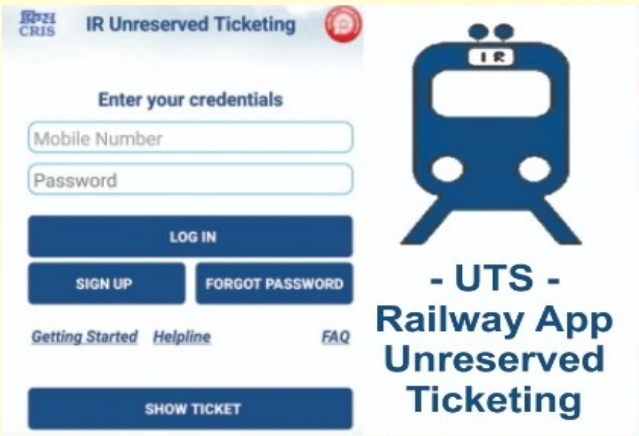




High Speed internet access at stations

UTS on Mobile Facility for Unreserved Ticket

❖ UTS on Mobile ticketing launched in March 2017 covering, @ 5% of the total UTS ticketing





Point of Sale Machine for Digital transactions

❖ Facility available at 61 stations



Point of Sale Machine at Ticket Reservation Counter, Bilaspur

Swachh Bharat

Inspired by Clean India - Clean Rail

- 4320 Bio-Toilets were installed in 1255 coaches
- Mechanised cleaning of trains, coaches and stations
- Onboard House Keeping (OBHS) facility in 23 trains



Bio-toilets fitted in Coaches



Mechanised Cleaning of Platforms



OBHS in Trains

Green Initiatives

- Total 3.623 Mwp Solar modules provided for solar energy
- MOU signed with REMCL for setting up 50 MWp solar power plant at Bhilai
- LED fittings for energy conservation provided in 113 stations
- 23 lakh Tree saplings planted
- 16 Plastic bottle crusher machine provided in 12 stations.



Solar panels at office buildings



Solar Geyser at Running Rooms



Solar Panel at Usalapur Railway Station



Solar Panel at Bhanwar Tonk Railway Station



Tree Planted Zone Office Bilaspur



LED Lights at Bilaspur Station

Initiatives during COVID-19

Operation of Shramik Special Trains

Originating	Terminating			Through Passing
Chhattisgarh	Mahrashtra	Chhattisgarh	Total	
2	02	91	93	353



Passenger health check up at Bilaspur Station



Passenger of Shramik special train at Bilaspur Station

Shramik Special trains originating from Chhattisgarh state

Sr. No.	Train No.	Train Name	No. of Passenger
1	08601	Dongargarh-Hatia-Dongargarh, Shramik Super Fast Special	889
2	08741	Raipur-BST, Shramik Super Fast Special	1556

Initiatives during COVID-19

Movement of Food Grains, Essentials Items

Sr. No.	Commodities	Rakes	Weight (Ton)	Revenue
1	Rice	1771	4328.94	474.23
2	Sugar	10	14.24	1.16

Transported by COVID-19 Parcel Special Trains

Sr. No.	Commodities	Weight (Ton)	Revenue
1	MEDICINES	443.27	10,13,647
2	MEDICAL EQUIPMENTS	176.38	4,41,077
3	FRUITS/DAIRY PRODUCTS	8472.79	1,96,15,495
4	VEGETABLES	5253.95	1,10,83,851
5	KIRANA	3459.78	78,65,218
6	OTHERS	12401.76	3,07,19,224
	Total	**30207.93**	**7,07,38,512**



Parcel loading at Raipur Station



Parcel unloading at Bilaspur Station

Initiatives during COVID-19

Distribution of Meals in Shramik Special Trains

Sr. No.	Items	Total No.
1	Meals served	704209
2	PDW served	955071
3	No. of trains	409
4	No. of Services	450
5	Services by	IRCTC-414 Railway-34 CSR(SECL)-02



Food distribution in Shramik Special Train at Bilaspur Station



Thermal check up of passenger at Bilaspur station

Covid Care Coaches

❖ Total 111 ICF coaches converted into quarantine wards as per Railway Board's guidelines.





Inside view of Covid Care Coaches

Initiatives during COVID-19

Covid Center, Railway Hospital, Bilaspur

- 75 beds have been prepared in Central Hospital Bilaspur for COVID patients with proper facilities for Isolation donning & doffing.
- Central Oxygen pipeline with capacity of 1000 litre have been connected with all the 75 beds.
- Five Oxygen concentrators, three Nasal high flow machine (HFNO), 26 syringe Oxygen pump, Portable X-ray machine, three ECG machine, Two dialysis machine have been installed.
- 10 bedded ICU has been prepared.
- Five ICU ventilators, Twenty five Multipara monitors have been provided.



Covid Ward, Railway Central Hospital, Bilaspur



During Patient discharge from Covid Ward, Railway Central Hospital, Bilaspur



Oxygen Concentrator at Railway Central Hospital, Bilaspur

Initiatives during COVID-19

Manufacture of PPE Kits & Mask

❖ 15000 COVERALL PPE Kits manufactured for Doctors, Health Workers and Frontline Staff and 1 Lac Face masks manufactured by Railways and distributed among Railway staff/ officers working in different units



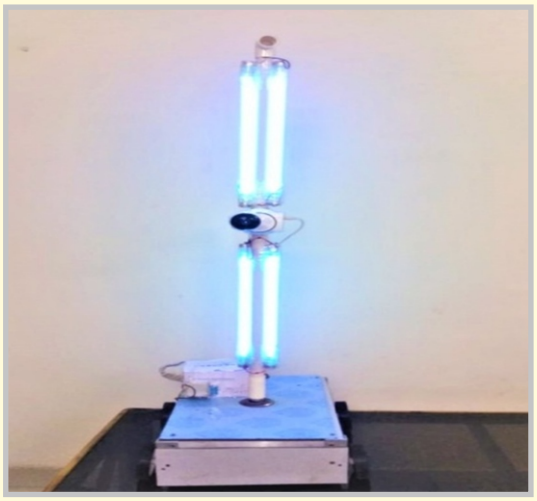


PPE Kit & Mask

Some Important Activities

❖ Coaching depot, Durg had developed remotely operated Ultra-Violet Sanitization Robot for sanitization of coaches.





Remotely operated Ultra-Violet Sanitization Robot

Initiatives during COVID-19

❖ 06 Hand free (foot operated) soap dispenser locally developed for sanitization/ hand wash at BMY and installed at 2 different locations (Division office Raipur-02 Nos. & Quarantine center BMY Hospital - 04 Nos.



Hand free soap dispenser machine at BMY Hospital

❖ Automatic sensor based hand sanitizer dispenser has been developed at C&W/BMY. Dispenser cabinet is locally fabricated within house materials of 5-ltr capacity.



Automatic sensor based hand sanitizer dispenser at C&W/BMY

Initiatives during COVID-19

❖ 100 No. hospital bed manufactured at wagon repair shop, Raipur and handed Over to DRH Raipur.



Hospital Bed

❖ Daily sanitization of workplaces and office with sodium hypochlorite and fumigation of workshop with disinfectant is being carried out on daily basis at WRS/Raipur.





Sanitization of Workplaces

Initiatives during COVID-19

Operations of Freight Trains

Sr. No.	Items	During COVID-19 pandemic
1	Loading In Terms of Rakes	56303
2	Loading In Terms of 8Ws	2746583
3	Loading In MT	186.51
4	Earning in `(Crore)	18128.85
5		497.64



Coal Loaded Train

Movement of ContainerTrains

Sr. No.	Commodities	Rakes	Weight in Million Ton	Revenue
1	Container	373	0.77	57.40

Introduction of Time Tabled Parcel Trains

❖ One parcel special trains is in operation from Itwari to Tata and back



Itwari-Tata Parcel Train at Bilaspur Station


रेल्वे आरक्षण केन्द्र
रायपुर (छ.ग.)






ENQUIRY
May I Help You Booth


B-1












TACTILE LAYOUT OF USLAPUR STATION
TACTILE LAYOUT OF USLAPUR STATION
ROAD
ROAD
ROAD
ROAD








भारतीय रेल • INDIAN RAILWAYS