



Shri Narendra Modi

Hon'ble Prime Minister

NEW RAILWAYS
NEW UTTAR PRADESH









(2014- May'2021)


यमुना ब्रिज
YAMUNA BRIDGE


निकास




book baggage
₹10
₹50









PREFACE



Today entire world is facing an unprecedented challenge to humanity by invisible Corona Virus. Enormity of this crisis can be accessed from the fact that the country had to be locked down to contain the spread of virus and to strengthen our infrastructure to fight Covid-19. However, Indian Railways, the national transporter not only maintained essential transport of passengers and goods during this crisis but also rose to the occasion and ventured in new fields like making isolation coaches, Covid-19 hospitals, Coveralls etc. and Railway men and women continue to work tirelessly in accordance with the clarion call given by Hon'ble Prime Minister for Aatm Nirbhar Bharat.

Indian Railways undertook the mammoth exercise of transporting oxygen to various locations during the second wave of Covid-19. Indian Railways brought more than 3000 MT LMO from various production sites to Uttar Pradesh by the mid of May-2021. In order to contribute significantly the health infrastructure of Indian Railways in the state of Uttar Pradesh has also been strengthened through desired inputs. Vaccination drive has also been taken up at vaccination centres opened in various Railway Hospitals and health units not only for Railway staff but for all fellow countrymen. Apart from it, to ensure that there is no dearth of essential goods in any part of the country food grains were loaded from different stations of Uttar Pradesh during ongoing Covid-19 crisis.

53% of New Delhi - Howrah and 20% of New Delhi - Chennai, two strategically most important routes of Indian Railways with line capacity utilization of around 150% falls in Uttar Pradesh. Sectional speed of Ghaziabad-Pt. Deen Dayal Upadhyaya Jn. and Palwal- Mathura sections falling in state of Uttar Pradesh has been upgraded to 130 Kmph and works are underway to make these sections fit for 160 kmph train operations.

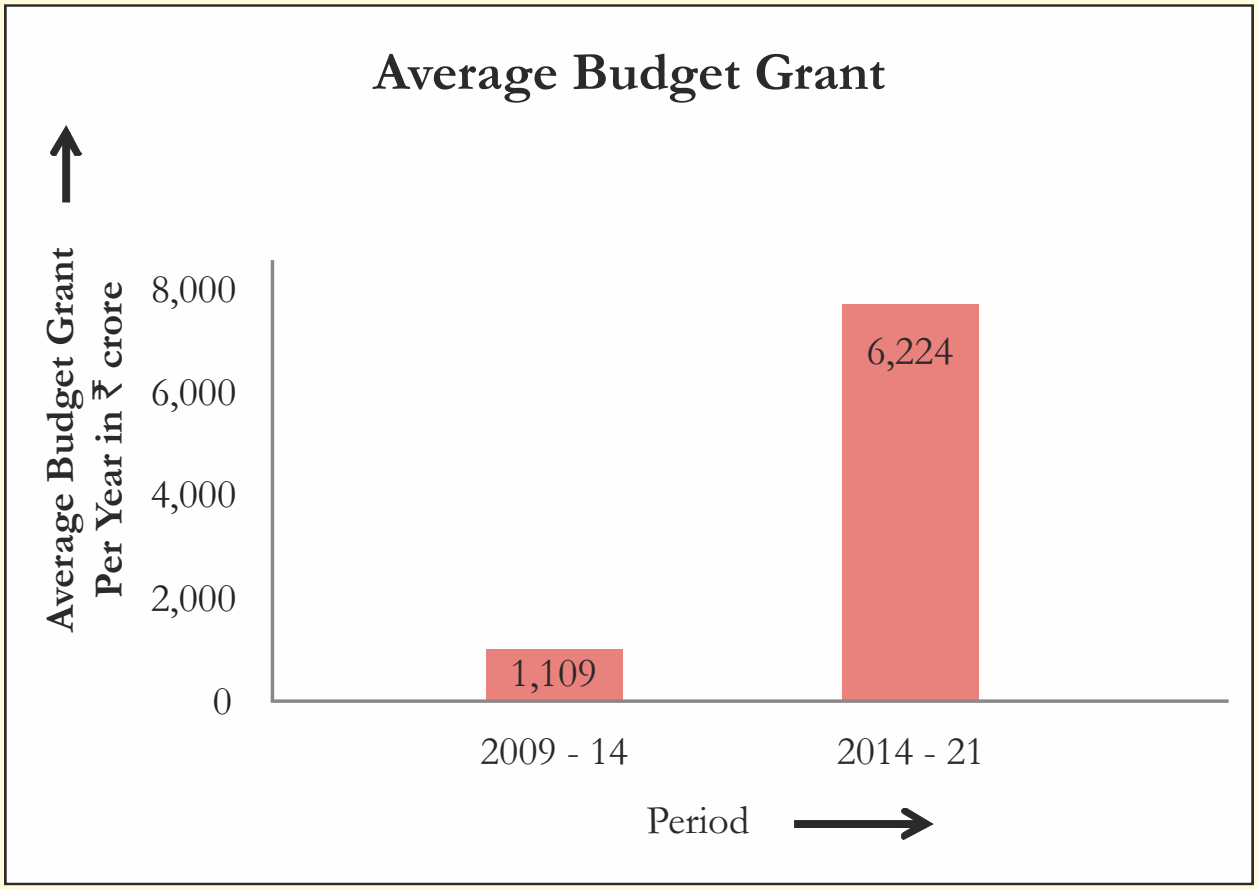
The longest stretch of the Eastern Dedicated Freight Corridor is being constructed in Uttar Pradesh from Pt. Deendayal Upadhyay Jn. to Ghaziabad with work underway on war footage. 325 kms stretch of EDFC between Bhaupur-Khurja lying entirely in Uttar Pradesh has already been commissioned.

Railway has a history of more than 160 years in the state and has the highest route kilometers - 9100 route kilometers - within it, which is 14% of the entire railway network. Efforts for further development of railway infrastructure in Uttar Pradesh have been intensified in last seven years with 461% more average annual investment in comparison to previous years. Results of such a massive investment are becoming visible with enhanced infrastructure and modern passenger amenities. Soon the era of congestion and inconvenience will be matter of gone days and a new Railway equipped with state-of-the-art facilities will be able to serve the citizens in a better manner and provide them enhanced value for their money. In this booklet, we have compiled the important contributions and achievements of Indian Railways in the development of the Uttar Pradesh in last six years. I hope that it will serve as a handbook for those keen to know about the role of Railways in the development of the most populous state of the Nation. It may be noted that the budgets allocated to various projects are not apportioned State wise but reflect the cost & allocation for the project.

(VINAY KUMAR TRIPATHI)
General Manager
North Central Railway

INCREASED CAPITAL INVESTMENTS

Average Budget Grant Per Year		
2009-14	**2014-21**	**% Increase**
₹ 1,109 crore	₹ 6,224 crore	461%



INFRASTRUCTURE THRUST

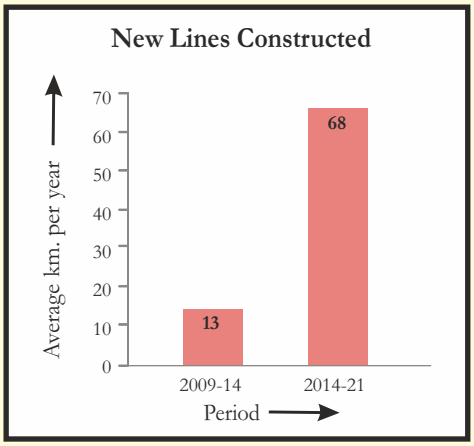


Hon'ble Prime Minister Shri Narendra Modi flagging off Varanasi - Kevadiya Special Train on 17th January 2021

Works Completed in last 6 years

New Lines: 460 km

- Etawah - Mainpuri
- Agra - Etawah
- Guna - Etawah
- Manduadih - Lohta

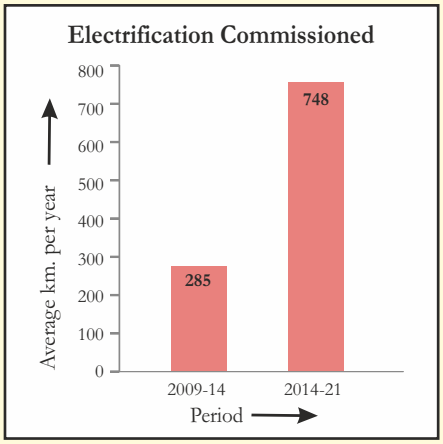


Doubling of Tracks: 672 km

- Phaphamau - Prayagraj Jn.
- Muzaffarnagar - Rohan Kalan - Deoband
- Shrirajnagar - Kundanganj
- Amethi - Gaurganj
- Manduadih - Madho Singh
- Paricha - Nandkhas
- Sarsoki - Atta - Ushargaon
- Dadri third Line
- Tundla - Yamuna Bridge
- Meerut - Muzaffarnagar
- Khurja - Aligarh
- Lambhua - Sri Krishnanagar
- Panki - Bhaupur third Line
- Mathura - Bhuteshwar fourth Line
- Aunrihar - Manduadih
- Chauri Chaura - Betalpur
- Jhansi - Paricha, doubling
- Madho Singh - Gyanpur
- Aurihar - Ghazipur
- Ballia - Phephna
- Jhansi - Bhimsen
- Hodal - Kosikalan - Chhata fourth Line
- Devband - Tapri etc.

INFRASTRUCTURE THRUST

Electrification: 5237 km



- Saharanpur-Moradabad
- Mankapur - Katra - Ayodhya
- Chunar - Churk - Chopan
- Unnao - Unchahar
- Badausha - Manikpur
- Ohan - Bansipahar
- Chandausi - Aonla
- Chopan - Karela Road
- Dalinganj - Sitapur
- Gonda - Subhagpur
- Hardatpur - Kachhwa Road - Madho Singh
- Manduadih - Hardatpur
- Bhatni - Aunrihar
- Kalyanpur - Kannauj - Farrukhabad
- Bareilly city - Kasganj
- Dildarnagar - Tarighat
- Khurja-Meerut-Saharanpur incl. Ghaziabad-Meerut
- Moradabad-Lucknow-Utretia
- Jhansi -Kanpur incl. Ait -Konch & Kanpur Anwarganj-Kalyanpur
- Varanasi-Janghai-Unchahar including Phaphamau-Prayag-Prayagraj
- Ghaziabad-Moradabad
- Mathura-Alwar
- Prayagraj - Madho Singh - Varanasi - Ballia - Chhapra
- Gorakhpur cantt. - Balmikinagar
- Gonda - Gorakhpur - Siwan
- Sitapur - Burhwal
- Idgah - Bharatpur
- Shankargarh - Manikpur
- Achhnera - Mathura
- Jhansi - Harpalpur - Khairar - Hamirpur
- Gajraula - Mauzzampur Narain
- Khetasarai - Tanda
- Aonla - Bareilly
- Karaila Road - Saktinagar
- Pratapgarh - Phaphamau
- Sultanpur - Chilbila
- Janghai - Zafrabad
- Pilibhit - Khatima
- Unnao - Balamau - Sitapur
- Etawah - Udi - Bhandai
- Gorakhpur - Anand Nagar

Benefits of Electrification

- Faster trains
- Environment friendly
- Low energy cost



Gauge Conversion: 538 km

- Sitapur - Mailani
- Pilibhit - Bisalpur
- Barhni - Gonda
- Kasganj - Bareilly
- Bhojipura - Tanakpur
- Ramganga Bridge - Bareilly
- Gonda - Bahraich
- Sitapur - Aishbagh
- Bisalpur - Shahbaznagar
- Mandhana - Brahmavart

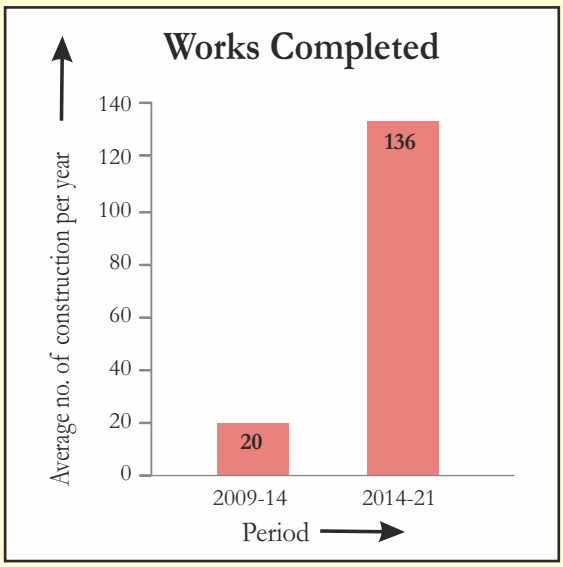
INFRASTRUCTURE THRUST

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

- Uninterrupted and safe movement of rail and road traffic
- Improving speed of trains and enhancing passenger safety
- 140 ROBs/RUBs constructed during last one year

Work in Progress of ROBs/RUBs

Work	No. of Works	Value in Crore (₹)
ROB	184	7,591
RUB	771	2,870



Elimination of Unmanned Level Crossings

Railway has taken giant leap in eliminating unmanned level crossings and enhancing safety

- All 1,404 unmanned level crossings on Broad Gauge have been eliminated

ONGOING PROJECTS

- 16 New Lines work of worth ₹ 29,051 crore
- 61 Doubling work of worth ₹ 65,021 crore
- 06 Gauge conversion projects of worth ₹ 2,625 crore
- 22 Electrification works of worth ₹ 3,385 crore

NEW LINES, DOUBLING, ELECTRIFICATION AND TRAFFIC FACILITIES WORKS SANCTIONED IN BUDGET 2021-22

- New lines in Uttar Pradesh shall be constructed under the over all funds ₹40,932 crore sanctioned in budget 2021-22 for IR
- Doubling/Tripling/Quadrupling/Flyovers/Bypass in Uttar Pradesh shall be constructed under the over all funds ₹26,116 crore sanctioned in budget 2021-22 for IR
- ₹ 548.538 crore outlay in 2021-22 for electrification in U.P.
- Traffic facility works including facilities yard remodeling, additional loops, automatic signaling etc. in Uttar Pradesh shall be constructed under the over all funds ₹52,63 crore sanctioned in budget 2021-22 for IR



Construction in New Line



Construction of ROB



Doubling of ROB near Prayagraj Jn.



Electrified Bhandai - Udi Mod Section

STATION DEVELOPMENT

1. Lucknow
2. Prayagraj
3. Jhansi
4. Mathura
5. Varanasi City
6. Varanasi Jn.
7. Ayodhya
8. Izzatnagar
9. Gorakhpur
10. Pt. Deen Dayal Upadhyay Jn.
11. Gomtinagar
12. Kanpur
13. Manduadih



Features

- ❖ Improvement in the facade and circulating area
- ❖ Improvement in waiting halls, retiring rooms, toilets etc.
- ❖ Improvement in the platform surface
- ❖ Improvement in washable aprons
- ❖ Modular water kiosks and water ATMs
- ❖ Executive lounge with refreshments
- ❖ Widening of Foot Over Bridges (FOBs)
- ❖ Lifts and escalators
- ❖ Stainless steel benches and modular catering kiosks
- ❖ LED lighting and charging points
- ❖ Toilets for divyangjan

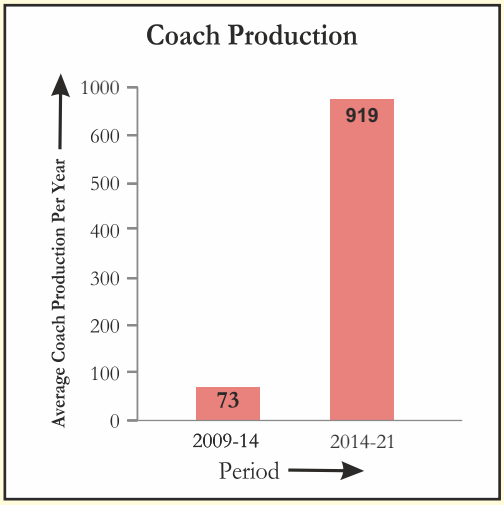
SATELLITE STATIONS FOR BETTER MOBILITY

- ❖ Prayagraj Rambagh
- ❖ Prayag Ghat
- ❖ Aishbagh
- ❖ Subedarganj
- ❖ Gorakhpur Cantt
- ❖ Gomti Nagar
- ❖ Prayagraj Chheoki
- ❖ Nakha Jungle
- ❖ Varanasi City

MAKE IN INDIA

Modern Coach Factory, Raebareli

- MCF Manufactured 1360 Coaches in 2020-21
- 6000th coach manufactured in November 2020
- Manufacturing of 'Humsafar' rake since November 2016
- Production of 'Antyodaya' rakes and Deen Dayalu coaches
- 60 coaches and 5 DEMU rakes exported to Mozambique railways
- Smart coach and all varients of modern LHB coaches being manufactured





Workshop at MCF



Tejas Sleeper Rake



Export Coaches for Mozambique Railways

RAIL COACH REFURBISHMENT FACTORY, JHANSI

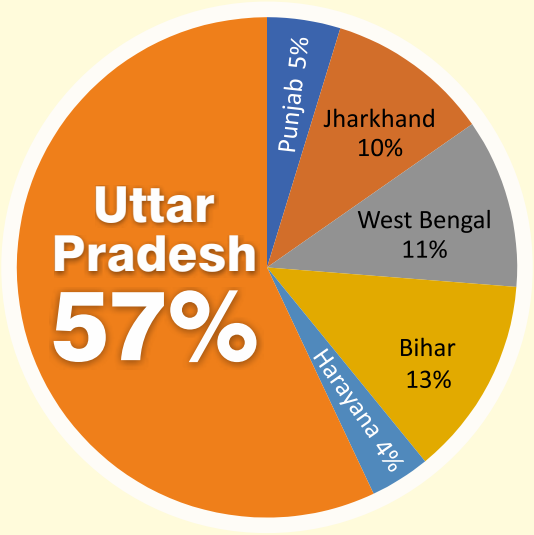
- Foundation stone of a new Rail Coach Refurbishment Factory laid by Hon'ble PM Shri Narendra Modi on 15th February 2019
- It will be capable of undertaking modernization of 250 coaches (LHB/ICF) per year in phase I. The capacity of the factory will be enhanced to 500 coaches per year in phase II

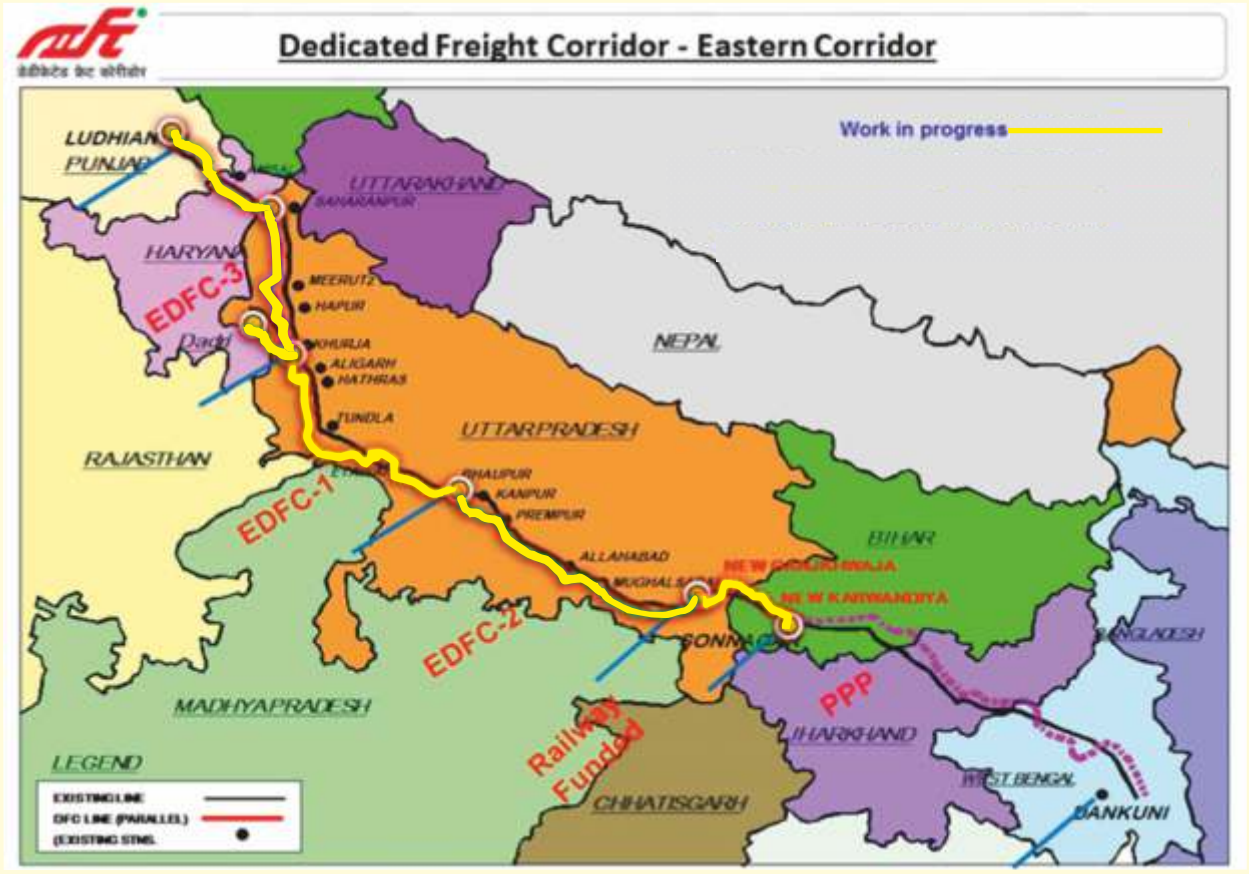


- There will be significant creation of employment opportunities both direct and indirect in Bundelkhand region
- Construction work started and approximately 45% work completed

DEDICATED FREIGHT CORRIDOR (DFC)

❖ Out of the entire 1,856 km of route length of Eastern Dedicated Freight Corridor, 1,058 km is in Uttar Pradesh i.e. almost 57%

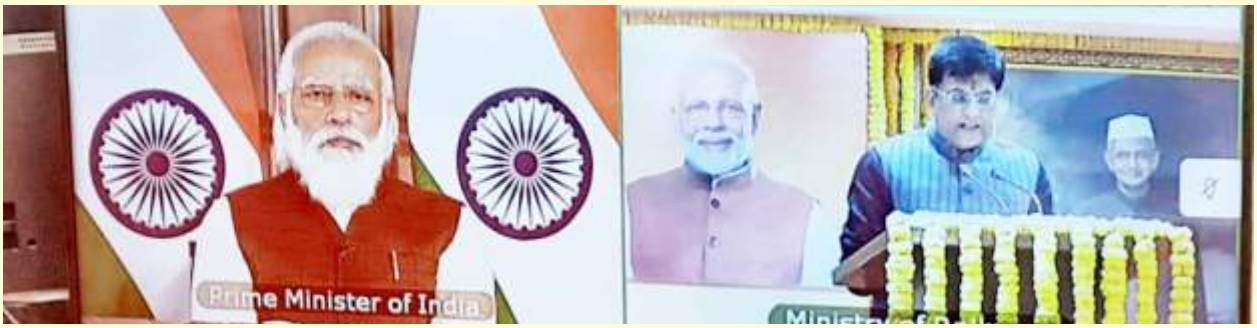




❖ Eastern and Western Dedicated Freight Corridors meet at Dadri (U.P.)

DEDICATED FREIGHT CORRIDOR (DFC)

- Bhaupur-Khurja section (325 km) of eastern DFC has been commissioned and inaugurated by Hon'ble Prime Minister Shri Narendra Modi on 29th December 2020



- Dedicated Freight Corridor is expected to become power house of the growth of Nation's economy
- It will support heavy coal movement, infrastructure development and growth of international trade
- By shifting freight trains to a separate dedicated corridor, it will decongest the over saturated routes of railways
- DFC will reduce carbon footprint by more than 450 million tonne of CO_2 emissions in first 30 years of its operation
- First phase of Eastern corridor i.e. Khurja-Bhadan section was commissioned on 30th November 2018
- Bhaupur-Khurja section (325 km) of eastern DFC has been commissioned and more than 3000 goods trains have run till April 2021



BANARAS LOCOMOTIVE WORKS (BLW)

- 719 Electric locomotive produced so far
- 275 Electric locomotive produced in 2020-21 till March despite COVID-19
- 6000 HP WAP7 and 11000 HP WAG9H electric locomotive are being produced
- 08 Diesel locomotives converted into electric locomotives

PASSENGER FOCUS



Inauguration of passenger facilities in Lucknow by Former Hon'ble Minister of Home Affairs Shri Rajnath Singh and Hon'ble Minister of Railways Shri Piyush Goyal on 18th March 2018



Hon'ble Chief Minister of Uttar Pradesh, Yogi Adityanath inaugurating Robotic Trolley "Care-o-bot" in Covid Care ward of Railway hospital Gorakhpur on 26th July 2020



Hon'ble Minster of Railways Shri Piyush Goyal Flagged off export locos for Mozambique On 10th March 2021

PASSENGER FOCUS



Hon'ble Minister of Railways Shri Piyush Goyal flaggin off
Mau - Anand Vihar Terminal Special Train on 14th February 2021



Hon'ble Former Minister of State of Railways Late Shri Suresh Angadi inaugurated newly BG converted section from Lakhimpur - Sitapur and flagged off special train on 28th August 2019

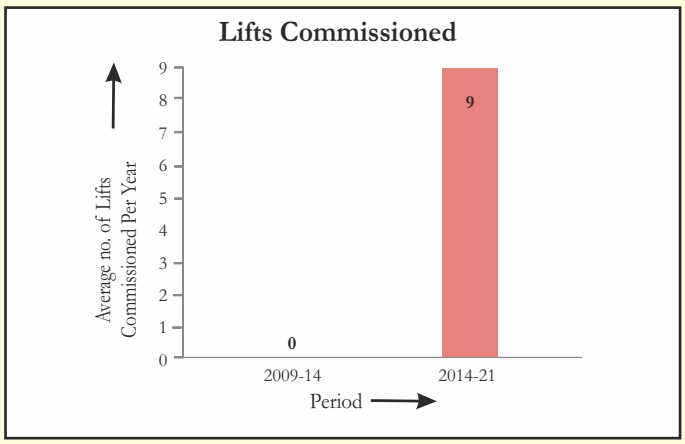


Hon'ble Former Minister of State of Railways Shri Manoj Sinha during inauguration of new station building at Subedarganj on 2nd February 2019

PASSENGER AMENITIES

Lifts

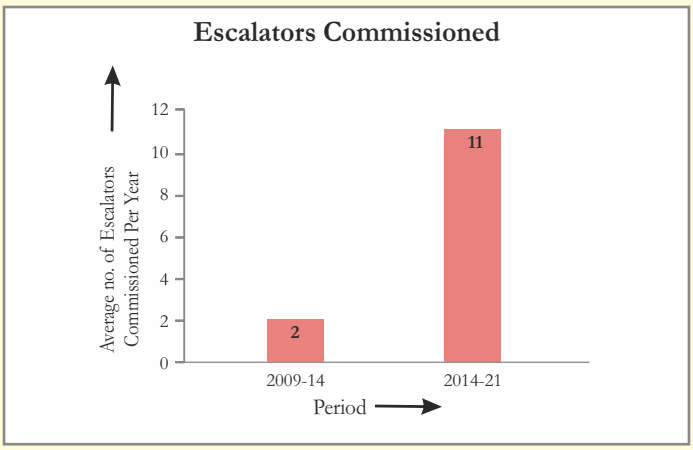
Better access for passengers in particular, the old, infirm and differently abled





Escalators

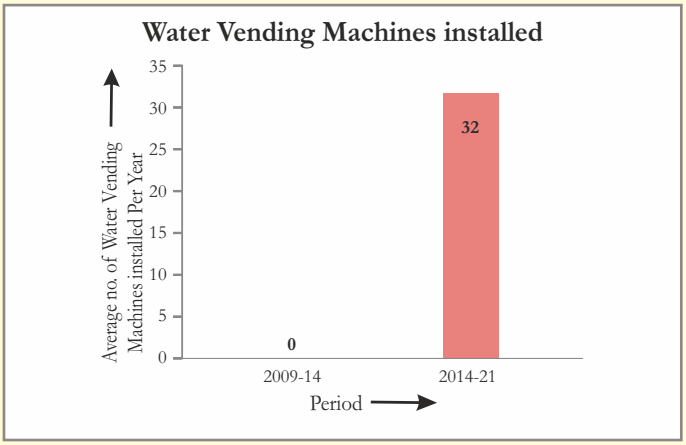
Better access for passengers in particular, the old, infirm and differently abled. Faster evacuation, better crowd control





Water Vending Machines

Pure drinking water at a fraction of the cost of bottled water, environment protection through prevention of plastic bottles going into trash

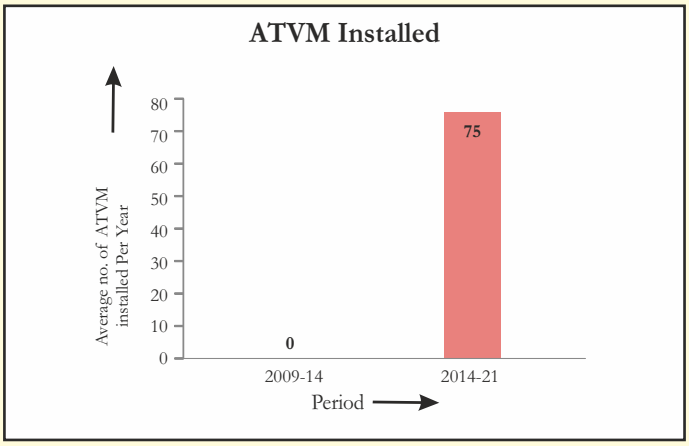




PASSENGER AMENITIES

Automatic Ticket Vending Machines

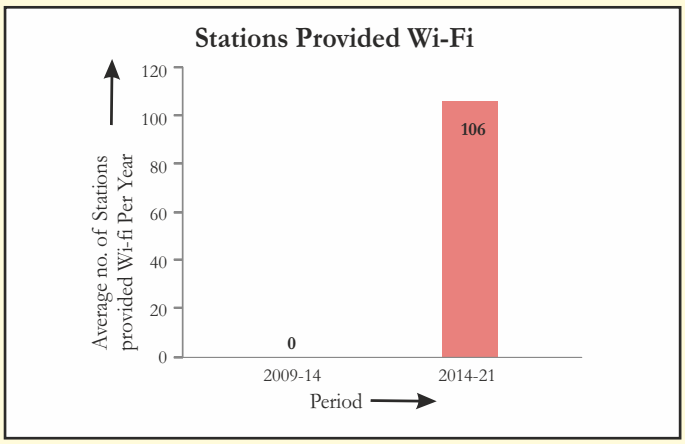
Freedom from queues for passengers, saving of staff cost for railways





Wi - Fi Stations

Better connectivity to passengers at all times, better utilization of IT enabled services by public





Prayagraj Express with LHB coaches for better safety & comfort



VIP lounge at Prayagraj Juction



PASSENGER AMENITIES

- 20 new FOBs constructed in last 1 year
- New Executive lounge made functional at Prayagraj station
- 2 new station buildings constructed
- PoS machine at all important stations for cashless transactions
- 866 benches at Varanasi and Kashi railway stations from the MPLAD funds of Hon'ble Prime Minister Shri Narendra Modi
- VIP lounge, escalators, lifts, 1 MWp solar plant and 10 m wide FOB at Varanasi station
- Improvement in parking and circulating area of at Ghaziabad, Saharanpur and Ayodhya railway stations
- 444 new benches provided at Chandausi, Pilkhua, Nihalnagar, Gauriganj and Musafirkhana railway stations
- Second entry constructed at Moradabad, Badshahnagar, Gorakhpur, Bareilly City and Izzatnagar stations
- Coach guidance system installed at Etawah, Agra Cantt., Raja Ki Mandi, Deoria, Azamgarh, Mau, Lucknow Junction, Badshahnagar, Mankapur, Basti, Khalilabaad, Gorakhpur, Gonda and Kasganj stations









INDIAN RAILWAYS: EXPEDITING JUSTICE

- New bench of Railways Claims Tribunal inaugurated at Prayagraj on 13th October 2019
- Inaugurated by the Hon'ble Mr. Justice Govind Mathur, Chief Justice of Allahabad High Court
- This is the 20th Bench of RCT in the country



SERVING BIGGEST CONGREGATION ON EARTH: KUMBH-19

- 41 works of worth more than ₹ 700 crore completed
- Almost 1.40 crore passengers served by running 1,080 special trains
- 9 ROBs and 5 New FOBs constructed
- 6 RUBs widened
- 2 FOBs widened at Prayagraj and Subedarganj and skywalk constructed at Prayagraj Jn.
- 37 Passenger shelters with all passenger amenities provided at stations
- More than 450 CCTV cameras provided at 10 stations
- Vinyl based branding of 1,409 coaches done for Kumbh 2019
- Innovative tools like crowd simulation, Google map, Face-to-Face multi lingual announcement, Mobile Electronic Ticketing Machines etc. were used to facilitate passengers
- More than 150 years old Naini Bridge was aesthetically illuminated
- 160 regular and 25 originating trains were given additional stoppages
- 03 "Pravasi Bhartiya" trains operated on 24th January 2019 to cater 2,700 NRI brothers and sisters from Prayagraj Jn. to Anand Vihar (T)









INDIAN RAILWAYS: PROMOTING TOURISM

❖ **Mahakal Express**

- An exclusive air conditioned Humsafar type train for important Pilgrim destinations
- Covering destinations like Varanasi, Lucknow, Prayagraj, Jhansi, Ujjain and Indore

❖ **Buddhist Circuit Tourist Train**

- An exclusive air conditioned train for Buddhist circuit destinations
- Covering destinations like Varanasi, Sarnath, Gorakhpur, Kushinagar, Sravasti, Agra along with visit of The Taj Mahal

❖ **Bharat Darshan Tourist Trains**

- Being run to enable the common man to visit places of tourist interest as well as religious & historical destinations at an affordable price
- Within Uttar Pradesh, this train starts from Varanasi & traverses through Jaunpur, Shahganj, Akbarpur, Ayodhya, Barabanki, Lucknow, Kanpur & Jhansi

❖ **Agra Mathura Tour Package**

- Being operated for Agra and Mathura with several options

❖ **Maharajas' Express**

- Redefining luxury travel experience
- Guests can explore fabled destinations providing an unparalleled experience of the rich cultural heritage of Incredible India

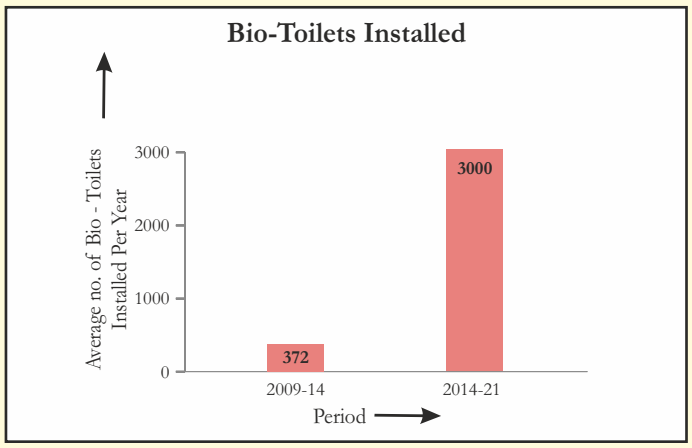


SWACHH BHARAT - SWACHH RAIL

- ❖ On Board Housekeeping Services in Trains
- ❖ Mechanised Cleaning of Coaches and Stations
- ❖ Mechanised Washing of linen

Bio - Toilets

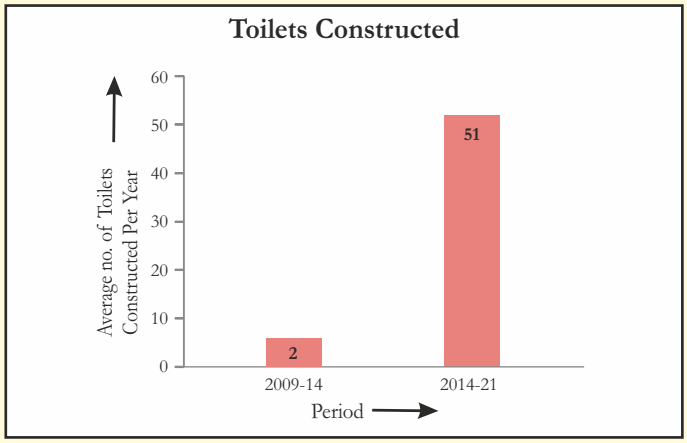
• No excreta on tracks • Freedom from foul smell • Increased life of tracks





Toilets

• Clean Stations • Improved Facilities

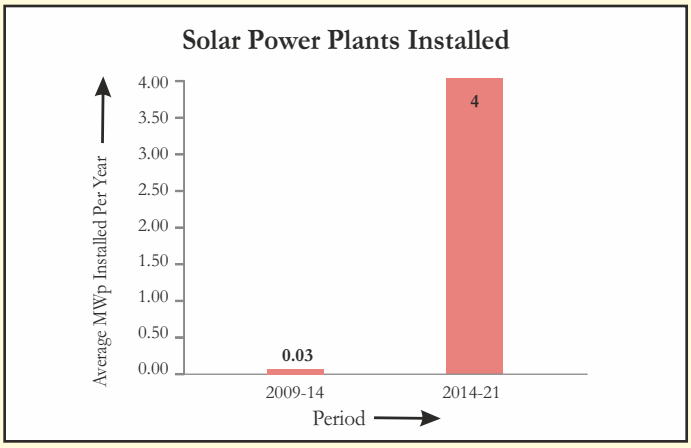




GREEN INITIATIVES

Solar Power Plants

Approx 24.5 MWp Solar Power Plants installed at various railway buildings and stations in Uttar Pradesh during 2014-21





Solar power plant installed at railway building, Subedarganj

All stations in Uttar Pradesh equipped with LED light

- Better illumination
- Longer life
- Better aesthetics
- Huge power saving
- Reduce carbon footprints



More than 1 Crore trees planted

- Enhanced green cover
- Reduce carbon dioxide
- Healthy atmosphere



INITIATIVES AND EFFORTS IN FIGHT AGAINST COVID-19

- Overcoming all hurdles and finding new solutions, Indian Railways is continuing its journey of bringing relief by delivering Liquid Medical Oxygen (LMO) to various states across the country
- In order to ensure that Oxygen relief reaches in the fastest possible time, Railways is creating new standards and unprecedented benchmarks in running of Oxygen Express Freight Trains. Nearly 4000 MT of LMO has been delivered to up till 30th May 2021
- Oxygen Express from different places brought LMO to Lucknow, Bareilly, Varanasi, Gorakhpur, Bhadohi, Moradabad, Kanpur & Agra





Helping the less privileged - free meals served during Lockdown

- Railways served approximately 8 Lakhs free meals among needy person at different places in state of Uttar Pradesh
- Besides free meal, Rashan kits etc. were also distributed among needy, stranded contractual workers, railway porters etc.







INITIATIVES AND EFFORTS IN FIGHT AGAINST COVID-19 (CONT..)

- Covid-19 vaccination was rolled out for frontline workers in railway hospitals all over UP in the month january
- It has been further extended for railways employees and their family members
- In addition to railway staff vaccines at railway centers are also been administered to non railway fellow countrymen





- To augment resources to fight COVID-19 pandemic - ICF coaches were converted into isolation coaches
- 270 Covid isolation coaches are deployed at different stations in UP in a ready to move position





Railway Hospitals for Treatment of COVID-19 patients

- Prayagraj, Jhansi, Moradabad, Lucknow, Gorakhpur, Izzatnagar and Pt. Deen Dayal Upadhyay Jn. railway hospitals have been upgraded to treat COVID-19 patients
- 6 level-I and 5 level-II Covid Care Wards operational in different railway hospitals

Other Important initiatives to fight COVID-19

- PPE Coveralls made by depots in Uttar Pradesh
- QR code based contact less ticket checking, Airport type boarding pass etc. implemented at Prayagraj Jn., Lucknow Jn. and other stations

INITIATIVES AND EFFORTS IN FIGHT AGAINST COVID-19 (CONT..)

❖ Ferrying Migrants and other stranded persons -operation of Shramik specials trains

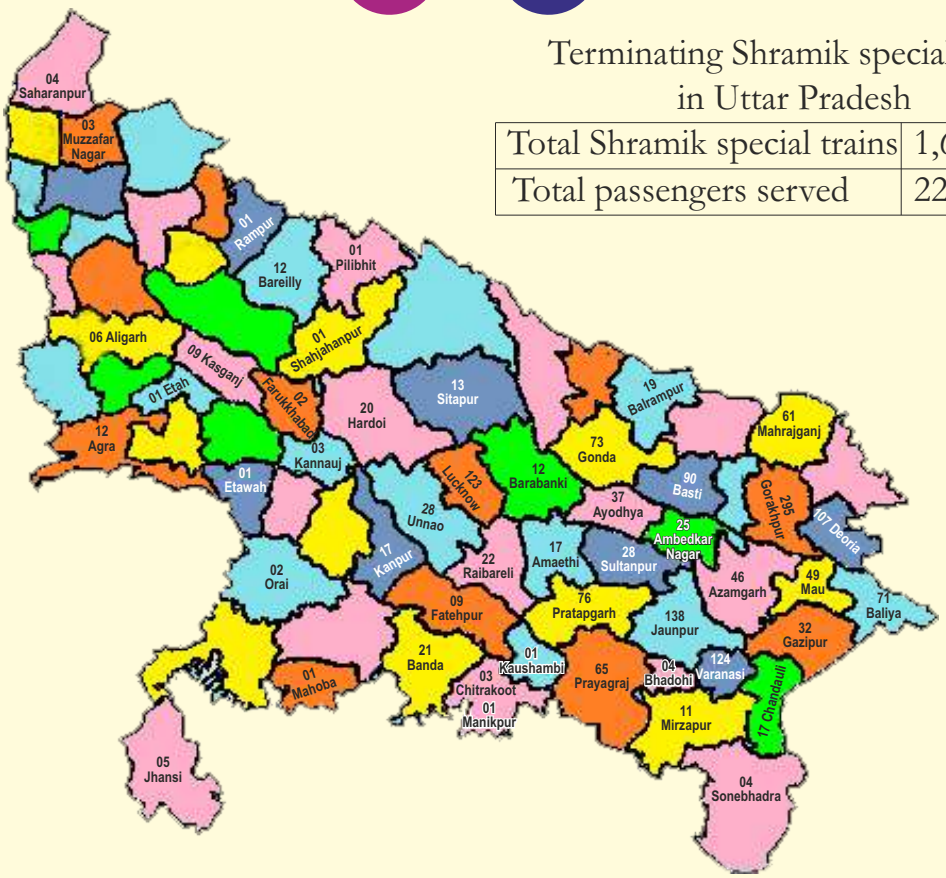
Originating Shramik special trains from Uttar Pradesh

Total Shramik special trains	191
Total passengers served	2.48 Lakh



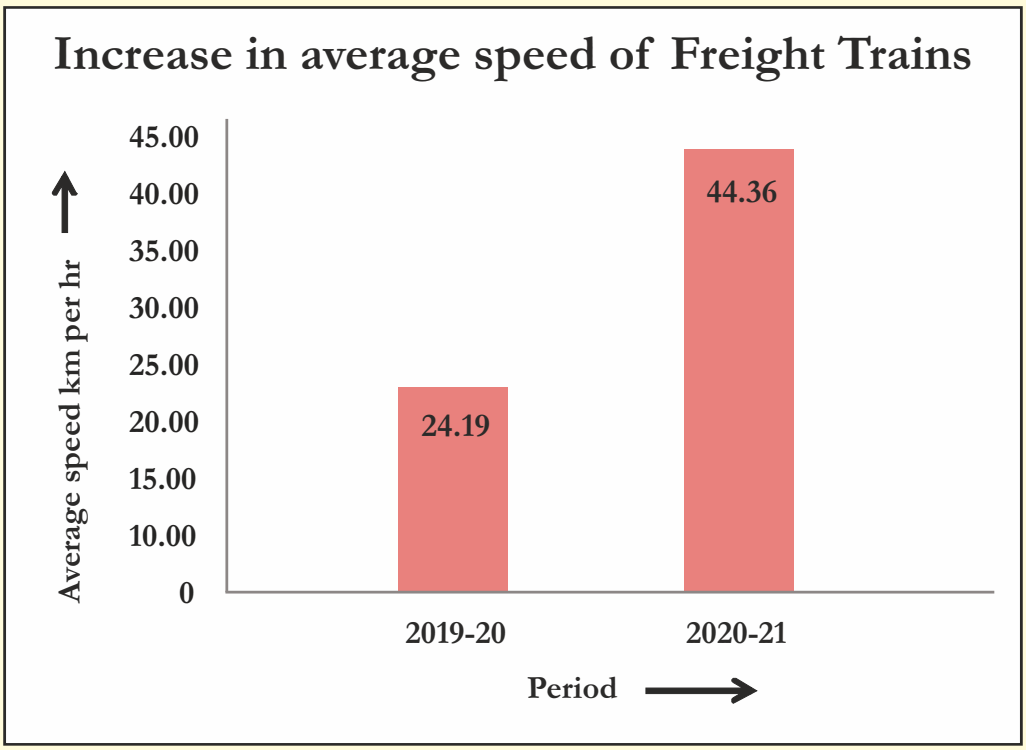
Terminating Shramik special trains in Uttar Pradesh

Total Shramik special trains	1,661
Total passengers served	22.40 Lakh



INITIATIVES TO IMPROVE FREIGHT LOADING

- Freight Train average speed increased to almost double in FY 2020-21 as compared to previous year
- Short term Improvements has already been done on most of the Goods sheds in Uttar Pradesh
- Important Goods sheds in Uttar Pradesh including at Mirzapur, Chunar, Pankidham, Mainpuri, Kanpur, Shikohabad, Aligarh, Naini, Iradatganj, Bhimsen, Banda, Kosikalan & Mathura etc. have been identified for long term improvements to facilitate freight Customers and Merchants of UP
- Business Development Units (BDUs) formed at all zonal and divisional Railways in Uttar Pradesh to interact with existing and prospective customers
- The BDU meetings is conducted at Zonal and Divisional level on regular interval to evaluate business prospects and progress
- Use of national helpline 139/138 for freight and parcel services
- Aggressive marketing of concession and incentive schemes
- Close monitoring of Kissan Rail specials for loading and transportation of vegetables and fruits
- By implementing 'Station To Station' scheme new traffic has been attractive



STATION BEAUTIFICATION



Prayagraj



Varanasi



Gorakhpur

ROAD AHEAD



Proposed Kanpur Central station building

Fully double line track on all important routes

Fully electrified rail network

Trunk routes to be upgradated to 160 kmph

Elimination of manned level crossings from trunk route

Modern station buildings with state of the art passenger amenities


ICF