

Shri Narendra Modi
Hon'ble Prime Minister



NEW RAILWAYS
NEW JAMMU & KASHMIR









(2014 - May 21)



Desh ko Gati rail se
Pragati bhi rail se

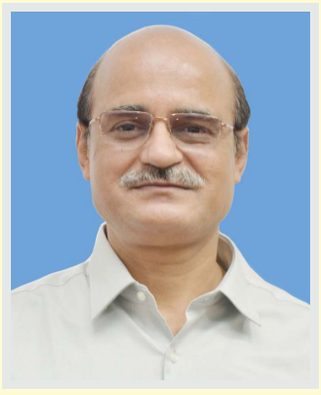
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सत्यमेव जयते

PREFACE



Ashutosh Gangal
General Manager
Northern Railway

Indian Railways is the lifeline of the nation and catalyst for India's progress and economic development. Railway has been providing comfortable, convenient and easy on the pocket transportation system to its patrons. Major infrastructure projects in Railways has focus on safety, enhancing speed and connecting far flung areas. New tracks are being laid. Line doubling and electrification works are in full swing. Latest technologies, digitalization and in house innovations are being used to bring more efficiency and better results. Emphasis is also on creating better business opportunities through long haul and piecemeal trains.

The officers and staff of the Railways are dedicated, ready to adapt to changing scenario of the transport sector, this booklet is aimed towards listing some of the important activities involving in the recent past as well as current projects in the Union Territory of Jammu & Kashmir. The budgets allocated to various projects are not apportioned State wise but reflect the cost of the project.

CAPITAL INVESTMENT

- Investment over rail network in Jammu & Kashmir has doubled during 2014-21 as compared to the period 2009-14

Average Annual Budget Outlay		
2009 - 14	**2014 - 21**	**% Increase**
₹ 1,044 Cr.	₹ 2,342 Cr.	+124%

- Average annual outlay of Railways in Jammu & Kashmir increased by 124%



INFRASTRUCTURE THRUST

Work completed during 2014-21

- Completion of 25 Km new line in the Udhampur - Katra section of the USBRL project
- Completion of 15 Km doubling work

Other works in pipeline

- 290 Km new line at a cost of approx. ₹ 1956 Cr.
- Development of freight terminal at Bari Brahman costing approx. ₹ 69 Cr.
- Provision of a second entrance at the Jammu Tawi railway station and coach maintenance terminal at a cost of approx. ₹ 222.9 Cr.



Hon'ble Prime Minister, Shri Narendra Modi inaugurating the Udhampur - Katra Rail Link by flagging off the Shri Mata Vaishno Devi Katra - New Delhi Shri Shakti Express in the presence of Hon'ble former Governor, Shri N.N. Vohra and other dignitaries

INFRASTRUCTURE THRUST

ELECTRIFICATION

Advantages

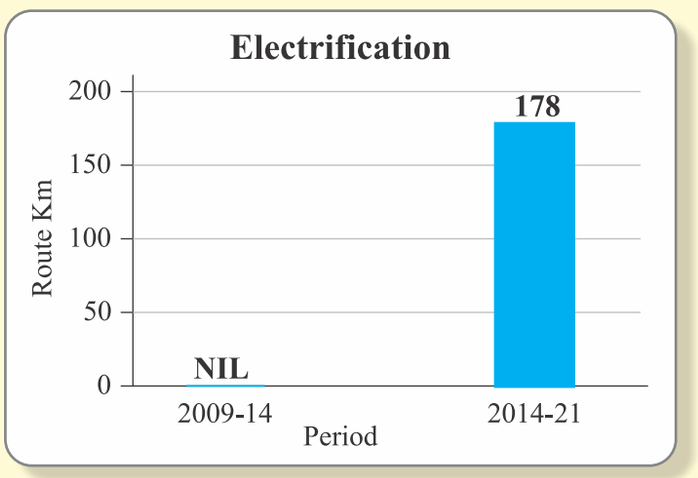
- Faster trains
- Environment friendly
- Fuel saving & lower energy costs

During 2009-14

- Nil

During 2014-21

- Electrification of 178 Route Km
- Electrification of Banihal to Baramulla 137 Route Km under progress





Use of electrification to enhance the speed of trains and reduce dependency on fossil fuel

INFRASTRUCTURE THRUST

USBRL National Rail Project

About The Project

The Jammu - Udhampur - Katra - Quazigund - Baramulla National Rail project line will join the Kashmir Valley with the rest of India

Total Length: 272 Km

The work has been divided into four legs for better execution and monitoring

1. **Udhampur - Katra (25 Km)**: Work completed and commissioned in July 2014
2. **Katra - Banihal (111 Km)**: Work in progress
3. **Banihal - Quazigund (18 Km)**: Work completed and commissioned in June 2013, which includes the 11.2 Km T-80 Pir Panjal Tunnel
4. **Quazigund - Baramulla (118 Km)**: Work completed and commissioned



INFRASTRUCTURE THRUST

Highlights of Katra - Banihal section

- Longest transportation tunnel (12.75 Km) in the country (Tunnel T-49 under construction)
- 97 Km of the total length of the 111 Km Katra - Banihal section comprises of tunnels
- Additionally 67 Km of escape tunnels are also being constructed
- Out of the total 9 stations in this section, several stations are either located inside tunnels or over bridges or both
- World's most advanced and modern technologies are being used for planning and construction of this project, the challenges are very peculiar and not previously encountered anywhere
- This section also includes the Chenab Bridge, which is the highest bridge in the world standing at 359 m, higher than both Qutub Minar & Eiffel Tower
- Anji Bridge, the first cable-stayed bridge on Indian Railways is also part of this project
- Construction of a 205 Km network of access roads in Jammu & Kashmir and at a cost of ₹ 2000 Cr.

Activity	Scope (Km)	Executed Upto 30.06.2020 (Km)	Balance as on 01.07.2020 (Km)
Main Tunnels	97	77	20
Escape Tunnels	67	50	17
Major Bridges	26	10	16
Minor Bridges	11	10	1
Access Roads	205	205	Nil

INFRASTRUCTURE THRUST

Chenab Bridge

- Earthwork in excavation and all foundations of Chenab Bridge & substructure completed
- Launching of 490m deck from Kauri end of Chenab Bridge has been completed
- The Closure of Arch of Iconic Bridge on the River Chenab

Anji Bridge

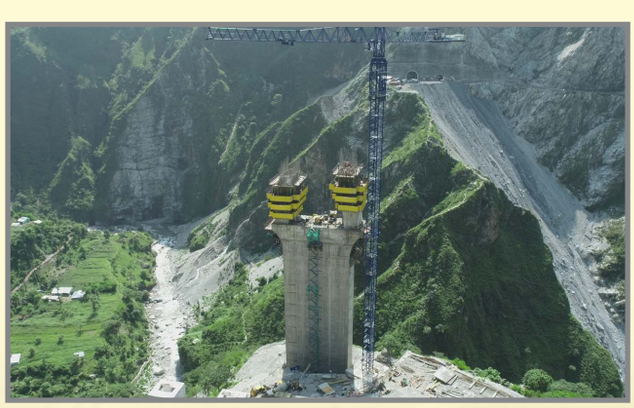
- Construction of main pylon is in progress. 55m out of 193m has been completed
- Launching of ancillary viaduct completed

Tunnel No. T-49

- Situated between Sumber - Arpinchala in Ramban district
- Total length 12.75 Km is under construction
- 9.8 Km of main tunnel and 10 Km of escape tunnel have been completed



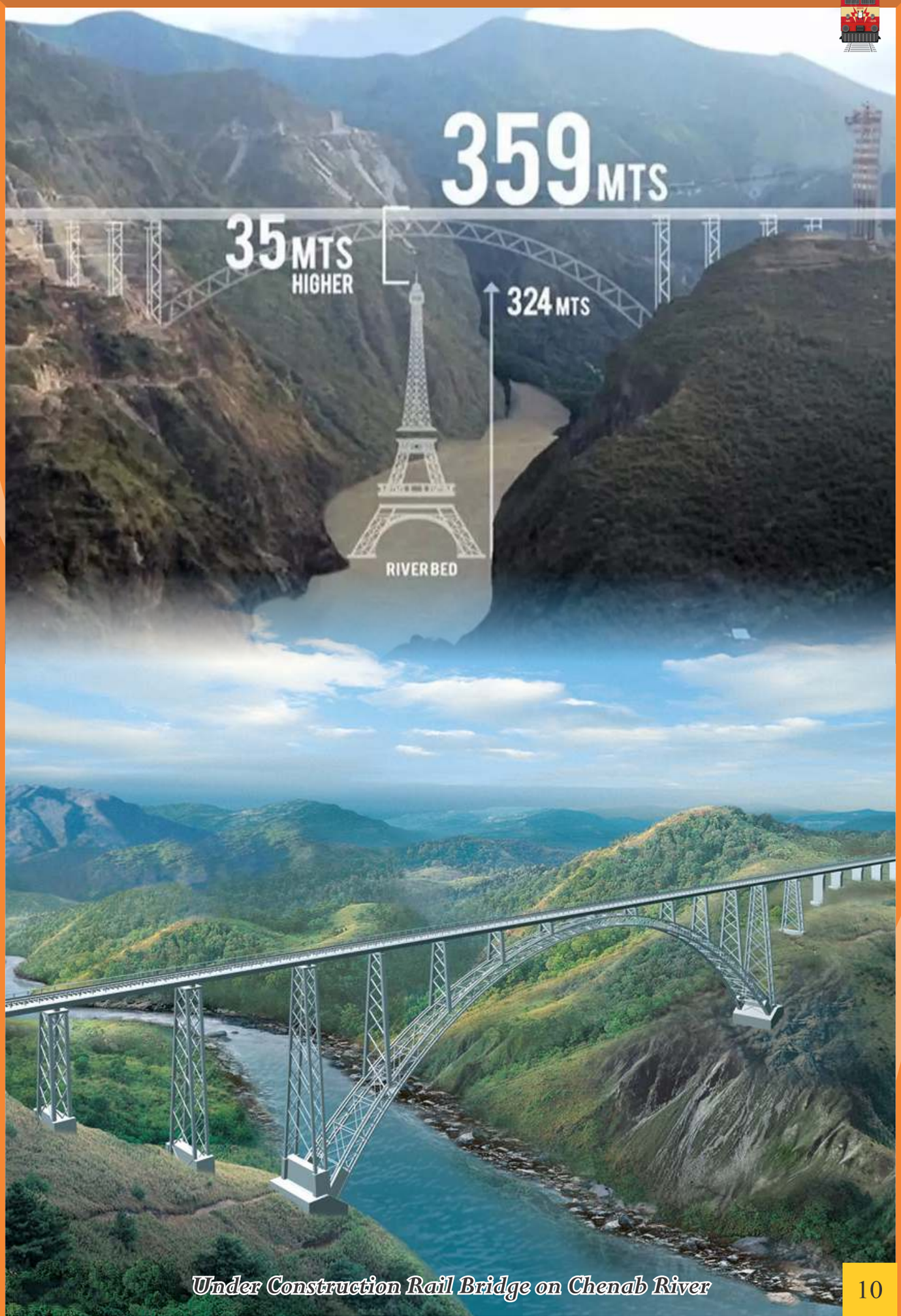
Chenab Bridge



Anji Bridge (under construction)



Tunnel No. T-49 (under construction)



Under Construction Rail Bridge on Chenab River

PASSENGER FOCUS



Hon'ble Union Home Minister, Shri Amit Shah,
Hon'ble Union Minister of Health and Family Welfare, Dr. Harsh Vardhan and
Hon'ble Union Minister of Railways, Commerce and Industry, Shri Piyush Goyal flagging-off
the New Delhi - Shri Mata Vaishno Devi Katra Vande Bharat Express
from the New Delhi railway station



Baramulla - Banihal DEMU over Vaith Bridge

PASSENGER SECURITY

- Installation of X-ray machines at all major stations
- Deployment of Railway Protection Force personnel with metal detectors
- Sniffer Dog Squad deployed to check for explosives inside the trains
- A total of 83 children were rescued and handed over to parents after 2014 compared to only 10 children rescued during 2009-14
- Deployment of additional security personnel as a special arrangement during festival seasons for better crowd management



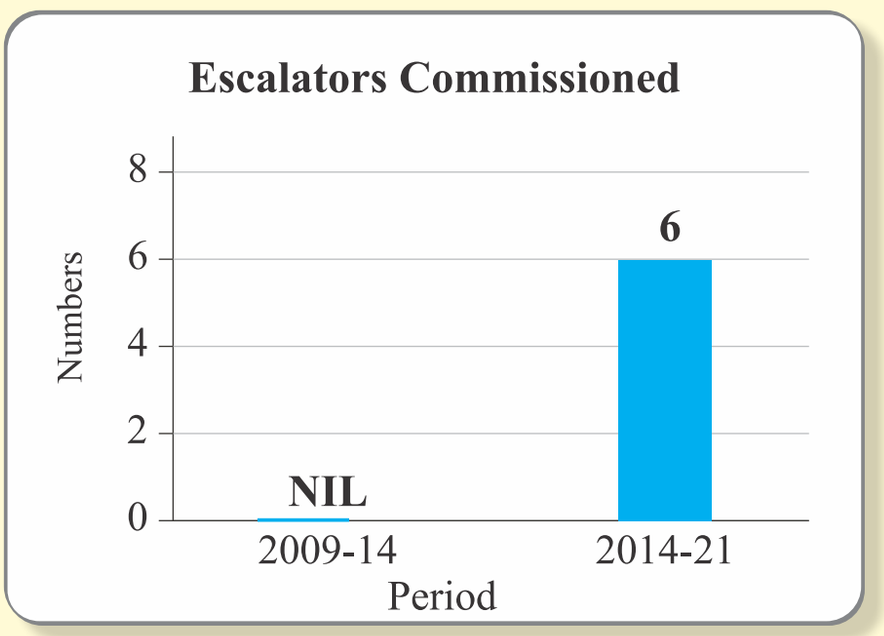
Railway Protection Force personnel checking coaches

PASSENGER AMENITIES

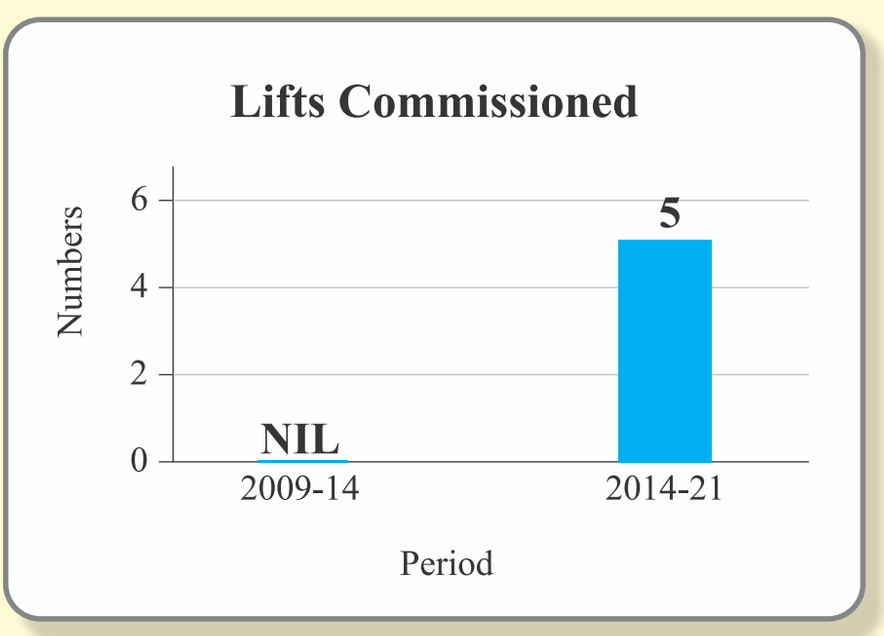
During 2009 -14

- Escalator - Nil
- Lifts - Nil

During 2014-21



6 Escalators commissioned at stations



5 Lifts commissioned at stations

PASSENGER AMENITIES

During 2014-21

- 4 Escalators at Jammu Tawi and 2 at Shri Mata Vaishno Devi Katra railway station



Escalators at Shri Mata Vaishno Devi Katra station



Lift at Jammu station

- 2 Lifts at Jammu Tawi & 3 Lifts commissioned at Shri Mata Vaishno Devi Katra railway station

- Improvement of station building including façade at Shri Mata Vaishno Devi Katra railway station



Entrance of Shri Mata Vaishno Devi Katra station

PASSENGER AMENITIES

Work completed during 2014-21

- Provision of new Foot over Bridge (FOB) and High Level passenger Platform at Hiranagar Railway Station
- Providing facilities of Adarsh Station on Hiranagar Railway Station
- Provision of 2 Road Under Bridges (RUBs) in place of Level Crossing Gate on Pathankot - Jammu Tawi Section
- Renovation of circulating area at Badgam, Srinagar, Kakapora, Pampore, Qazigund, Sadura, Bijbiara, Apta, Mazhom, Pattan, Hamre and Baramulla section
- Provision of 248 Chairs under MP LAD scheme (Udhampur 200, Kathua 30 and Ram Nagar J&K 18)

Ongoing work

- Improvement to water supply system by provision of infiltration gallery near Tawi river for Udhampur Station
- Construction of platform no. 2 and Foot over Bridge (FOB) at Panjgam on Banihal - Baramulla section
- Construction of 2 Deep Tube wells in the station area at Jammu Tawi Railway station
- Construction of Road Under Bridge (RUB) in place of Level Crossing Gate on Pathankot - Jammu Tawi Section
- Provision of new Foot Over Bridge (FOB) and High Level passenger Platform at Bari Brahman Railway Station



Jammu Tawi railway station

DIGITAL INDIA

Digital India
Power To Empower

Fast & Free Wi-Fi

- To boost Digital India Initiative, Wi-Fi facility provided at Jammu Tawi railway station
- Provision of Wi-Fi facility at 12 stations in the Pathankot - Jammu Tawi section



Digital Transactions

- Provision of 16 Point of Sale (PoS) machines
- Cashless transactions can be made through BHIM, RuPay, Debit card, e-wallets etc. at ticket counters



Point of Sale (PoS) machine for cashless transaction at ticket counters

SWACHH RAIL, SWACHH BHARAT

- Outsourcing and deployment of additional staff for cleaning of platforms, tracks and station premises
- Mechanized cleaning of stations and coaches
- Provision of On-Board Housekeeping Service (OBHS) in running trains
- Launch of 'Clean My Coach' app
- Imposition of penalty for littering
- Cleanliness drives organised from time to time in collaboration with voluntary organizations and NGOs
- Mechanized cleaning of laundry
- Educating the passengers through display ads in newspapers, radio and television, pamphlets, banners, nukkad nataks etc.



Coach cleaning facility



Mechanized cleaning



Washing of platform

GREEN INITIATIVES

Harnessing solar energy

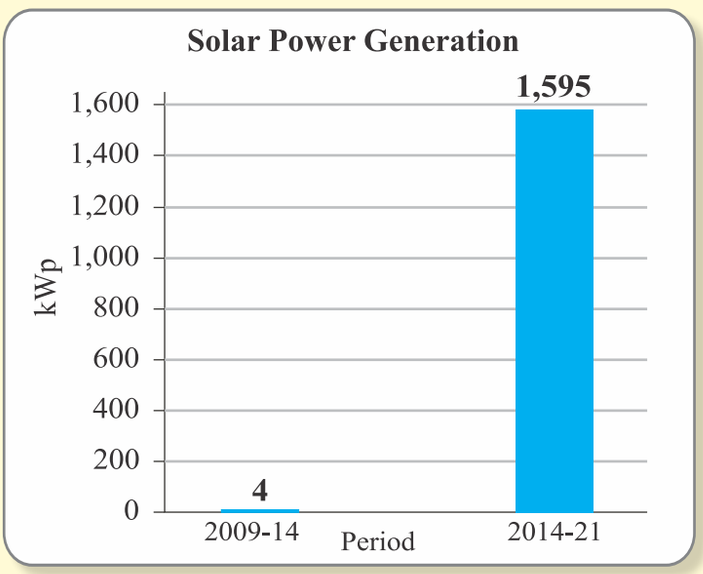
- 1595 kWp solar modules installed on stations
- 1000 kWp grid-connected Solar panels provided at Shri Mata Vaishno Devi Katra railway station

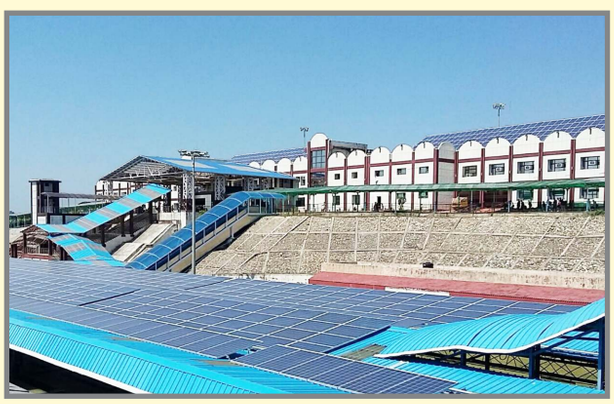
During 2009-14

- Installation of 4 kWp solar modules
- Zero LED lights installed

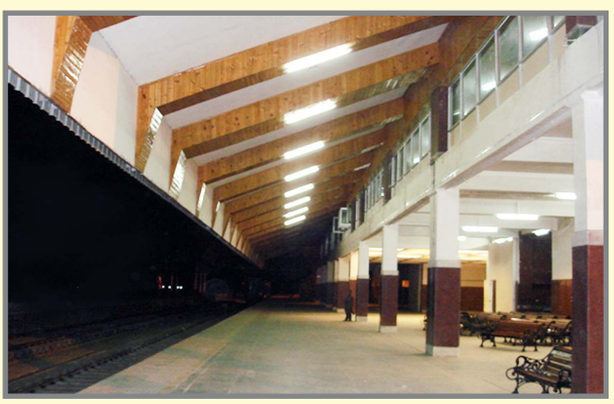
During 2014-21

- All 33 stations provided with LED lights (100% coverage)





Solar Power Panels at Shri Mata Vaishno Devi Katra railway station

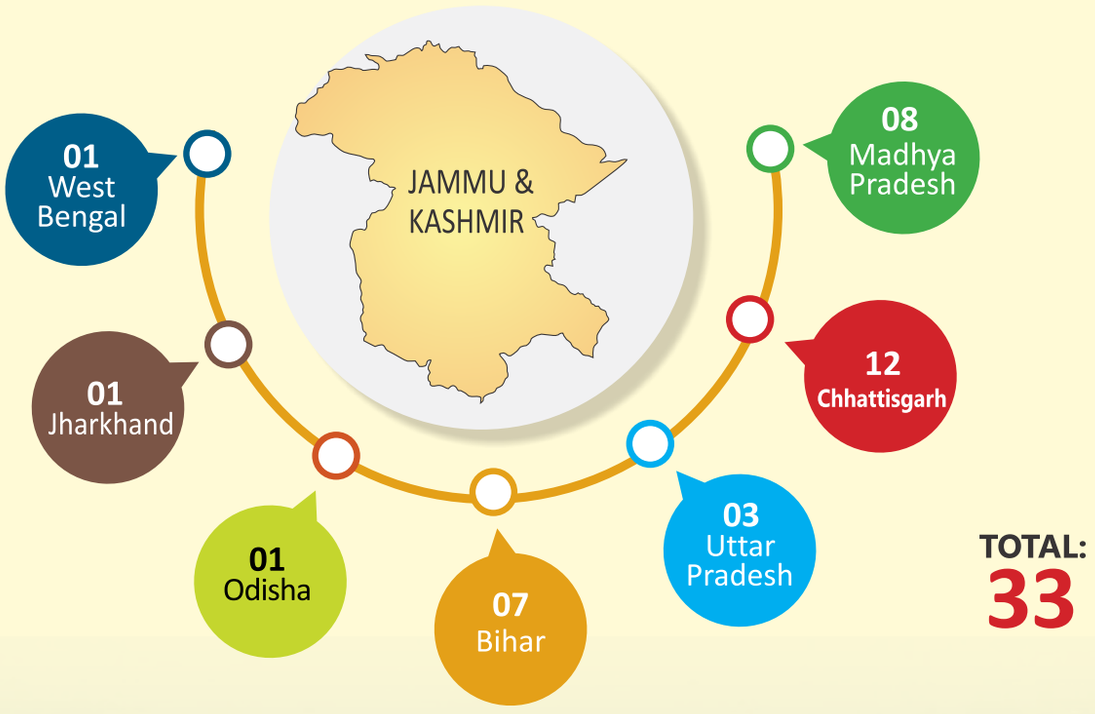


LED Lights at Srinagar railway station

COVID-19: PASSENGER FOCUS

Shramik Special Trains

- Operation of 31 Shramik Specials trains during the Covid-19 lockdown enabling migrant workers, pilgrims, tourists, students and other people to reach their homes

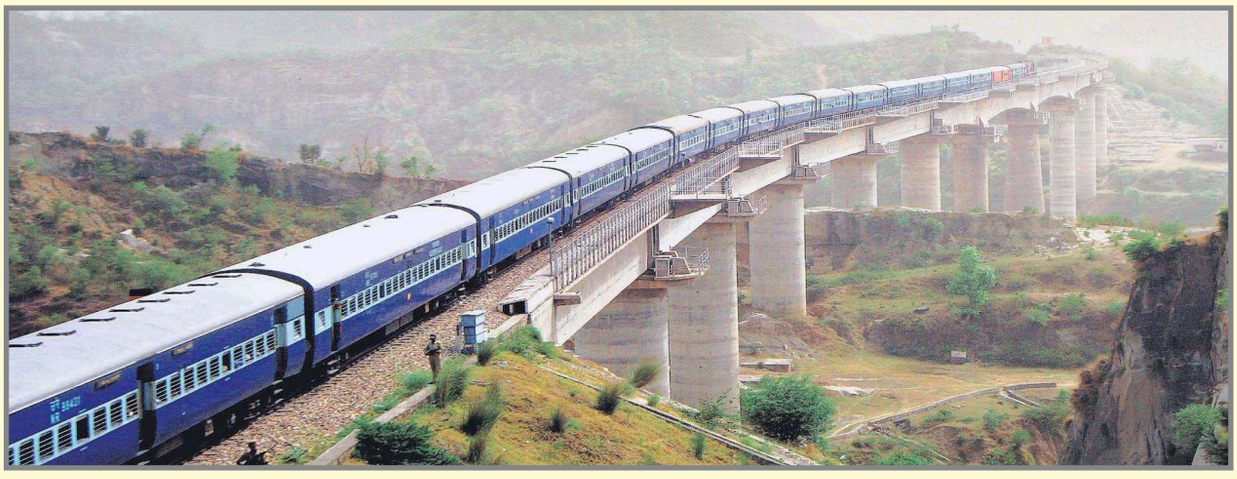




TOURISM

Increase in connectivity during 2014-21

- Rail connectivity between Shri Mata Vaishno Devi Katra and Udhampur
- Introduction of several new trains connecting different parts of India to Shri Mata Vaishno Devi Katra
- Opening of Passenger halt station at Rizwan between Badgam - Mazhom stations of Banihal - Baramulla section
- Opening of Passenger halt station at Nadigam between Badgam - Mazhom stations of Banihal - Baramulla section
- Opening of Passenger halt station at Ratnipora between Kakapora - Apta stations of Qazigund - Baramulla section
- Rizwan, Nadigam & Ratnipora half stations are not operational from commercial point of view



New Railway line connecting Katra to Udhampur



Pir Panjal range as seen from Banihal Station

TOURISM



All weather connectivity to Kashmir Valley



DEMU Train between Qazigund and Banihal emerging from the 11.2 Km Pir Panjal tunnel, the longest railway tunnel in India

TOURISM



Srinagar railway station



Central hall of Srinagar railway station decorated with intricately carved wooden panels



Anantnag railway station



Banihal railway station



Train between Srinagar - Banihal


JAMMU TAWI


श्री माता वैष्णो देवी कटड़ा
SHRI MATA VAISHNO DEVI KATRA








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