



# Assam

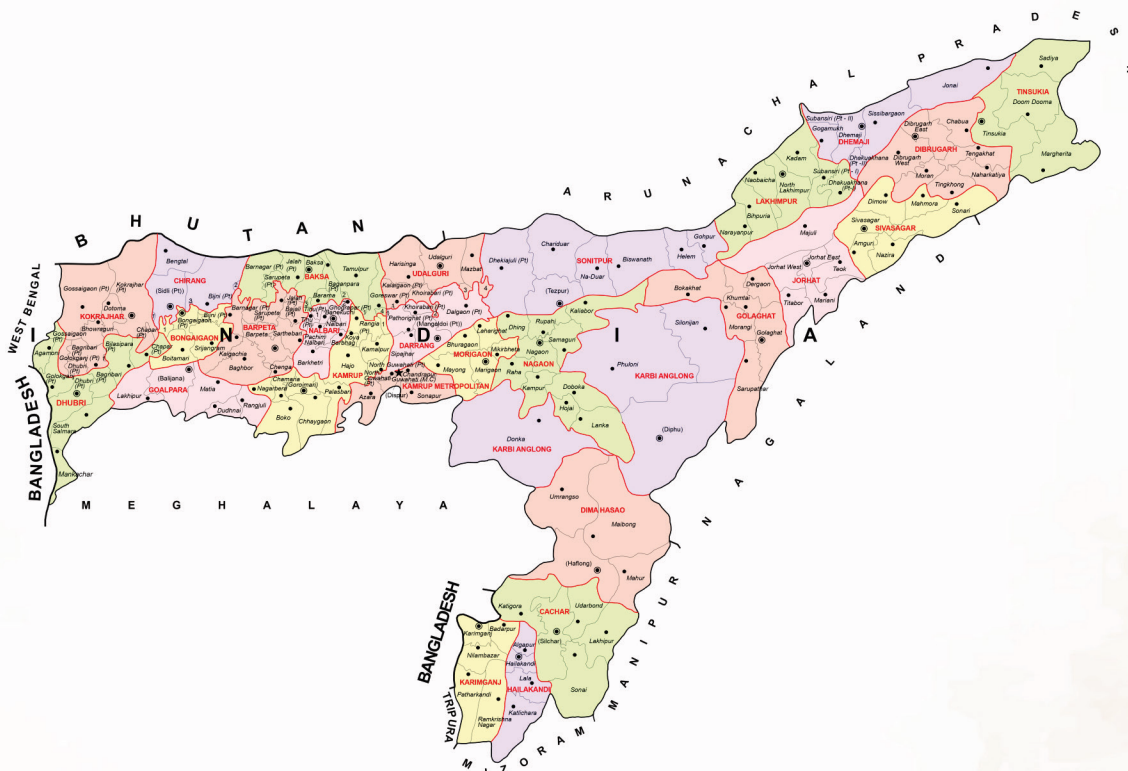
(2014-2024\*)

“My mission for the  
Northeast  
is transformation by  
transportation”



~Shri Narendra Modi

Hon'ble Prime Minister

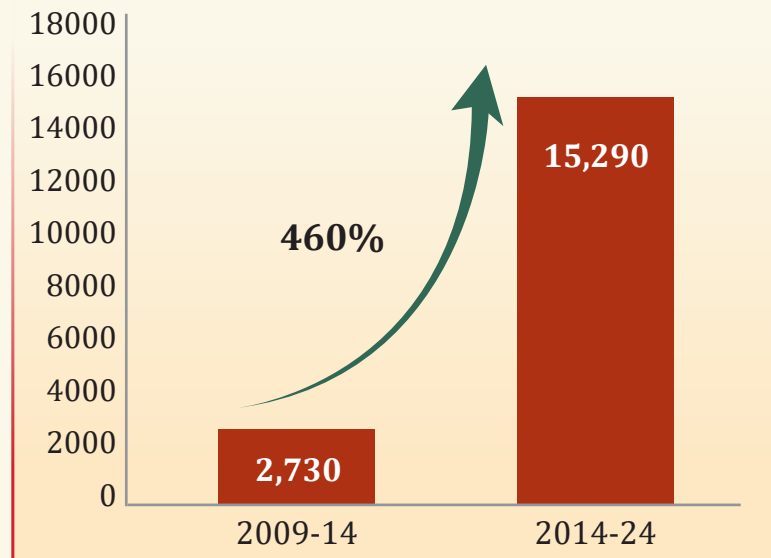


INDIAN RAILWAYS

# THE RESURGENCE OF NORTHEAST THROUGH RAILWAYS

**An unprecedented increase in financial allocation for North Eastern India**

**FUND ALLOCATION FOR RAIL CONNECTIVITY IN NORTH EASTERN STATES INCREASED BY 460% IN LAST TEN YEARS**



## Projects Commissioned [2014-2024 (March)]

- ➔ 430.17 km new line added
- ➔ 893.82 km gauge conversion done
- ➔ 429.08 km double line added
- ➔ 1399.35 RKM electrification completed
- ➔ Survey of 1,578 km new line completed
- ➔ Rs. 60,092 crore Capital Expenditure in last 9 years

## Projects Under Progress

- ➔ 21 new lines project under construction (1,641.7 km)
- ➔ 10 double line project under construction (1,209.43 km)
- ➔ Anticipated expenditure Rs 95,261.65 crore
- ➔ 6 new lines national projects (419.37 km)
- ➔ 2,851.13 km new broad gauge line to be added
- ➔ All state Capitals of the Northeast to be connected with broad gauge lines

## Highlights (2014-2024)

- ➔ 100% elimination of un-manned Level Crossing gates
- ➔ Mechanized cleaning of all station started from 2<sup>nd</sup> October, 2018
- ➔ Divyang toilets provided in 351 stations
- ➔ Provided free high-speed WiFi at 385 nominated stations
- ➔ Provided 41 Lifts at 15 stations and 02 more to be provided at Barsoi station
- ➔ Provided 31 Escalators at 9 stations and 04 more to be provided at Kamakhya and Agartala (02 each) stations
- ➔ Solar Power panels of capacity 5721.233 KWp installed
- ➔ 53 nos of New Goods sheds opened
- ➔ 13 nos of New Goods siding opened
- ➔ 72 nos of on going Freight Terminals
- ➔ 40 pairs of trains converted to LHB from conventional
- ➔ During 2021-22 Fire Extinguisher was provided in 378 Non-AC coaches and thus completed in all targeted 1300 coaches
- ➔ Run longest journey Train No. 15906/05 between Dibrugarh and Kanyakumari Vivek Express
- ➔ Run longest Rajdhani Train No. 20503/04 between Dibrugarh and New Delhi
- ➔ Run longest Rajdhani with Tejas Train No. 20501/02 between Agartala and Anand Vihar Terminal
- ➔ Run 5 nos of Vistadome Services to promote tourism

### Key Benefits

- Large number of jobs created for gainful employment of locals
- Transforming Socio-economic landscape





# DEVELOPMENTAL WORKS IN ASSAM (2014 – 2024)

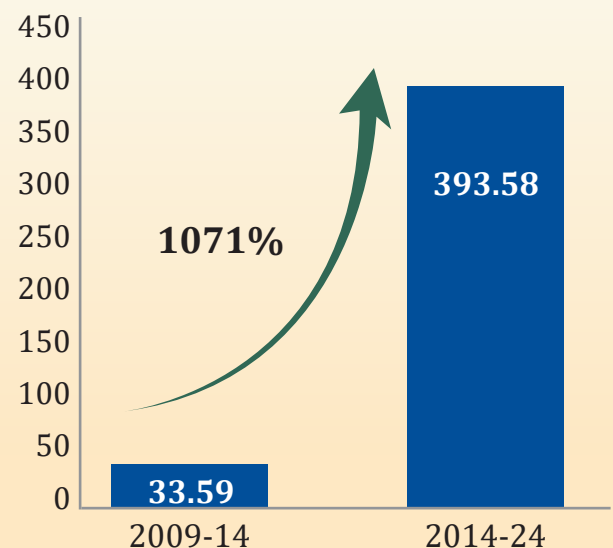
## CONNECTIVITY ENHANCEMENT

- On 7<sup>th</sup> April, 2014, Naharlagun (Arunachal Pradesh) got connected by broad gauge line to Harmuti (Assam)
- A first ever train connectivity established with Meghalaya on 29<sup>th</sup> November, 2014 when Dudhnoi (Assam) got connected by broad gauge line to Mendipathar (Meghalaya)
- Broad Gauge train connectivity with Jiribam in Manipur from Arunachal (Assam) established on 27<sup>th</sup> May, 2016
- Broad Gauge train connectivity with Bairabi in Mizoram from Katakhal (Assam) established on 27<sup>th</sup> May, 2016
- 212.59 km (Track Kilometer) of New **Broad Gauge railway lines** commissioned during 2014-23. Out of this 212.59 km, 82.84 km was part of 289 km long Maynaguri - Jogighopa New Line project

### Key Benefits

- The Maynaguri-Golakganj-Jogighopa new broad gauge railway line provides an alternative link to the landlocked state of Assam and six other NE states and ensures uninterrupted connectivity
- 212.16 km of Doubling of **Broad Gauge line** between New Bongaigaon – Abhayapuri, Pancharatna - Dudhnoi and Digaru – Lumding section was achieved during 2014-22. of this 46.8 km was achieved in 2021-22
- The doubling of section from New Bongaigaon to Azara has been completed as a part of the New Bongaigaon – Kamakhya via Goalpara 176 km double line project. Only the 13.1 km section from Azara to Kamakhya is left
- Gauge Conversion carried out in 665.60 km from 2014-24 thereby eliminating all metre gauge railway lines in Assam
- Hon'ble Prime Minister, Shri Narendra Modi virtually flagged off the first Vande Bharat Express of Assam connecting Guwahati to New Jalpaiguri on 29<sup>th</sup> May, 2023

### Doubling of Tracks



## BOGIBEEL BRIDGE COMMISSIONED

**Bogibeel bridge near Dibrugarh opened for public on 25<sup>th</sup> December, 2018**

- Longest Rail-cum-Road bridge in Asia
- Reduced the distance from Upper Assam to Delhi by 170 km
- Fully welded, rivet free girders
- State of the art construction technology used

### Key Benefits

- Fulfilled a long time strategic need for rail connectivity across Brahmaputra in Upper Assam
- The thrust is for creating additional infrastructure quickly for benefit of maximum number of people

## NEW RAILWAY PROJECTS SANCTIONED IN 2014-24

- 62 km new broad gauge line from Sivasagar to Jorhat at a cost of Rs. 2,696 crore
- 99 km new broad gauge line from Salona to Khumtai at a cost of Rs. 5,958 crore

### Key Benefits

- Create an alternative route to Upper Assam from Chaparmukh along NH 37
- Distance to Dibrugarh from Guwahati will be reduced
- Vast areas of Golaghat, Jorhat and Sibsagar districts will get connected

- 25 km new broad gauge line from Tezpur to Silghat with a bridge over Brahmaputra at a cost of Rs. 3,512 crore

### Key Benefits

- Fourth bridge over Brahmaputra to connect Tezpur in north bank with Silghat in south bank
  - Open up new route to Upper Assam from Tezpur
  - Second Rail cum Road Bridge at Sarighat will create additional capacity for both inward and outward rail traffic apart from generating huge employment opportunities
- 7 km new broad gauge line from Agthori to Kamakhya with Second Rail cum Road Bridge at Saraighat at a cost of Rs. 1,650 crore
  - 10 km four - lane elevated lines from Kamakhya to New Guwahati at a cost of Rs. 6,124 crore
  - 26 km Murkongselek – Pasighat new Broad Gauge line at a cost of Rs. 413 crore
  - 176 km Bongaigaon - Goalpara - Guwahati Doubling at a cost of Rs. 2,950 crore
  - 143 km New Bogaigaon – Agthori (via Rangiya) Doubling at a cost of Rs. 2,043 crore
  - 381 km Lumding – Tinsukia Jn- Dibrugarh Doubling at a cost of Rs. 3,810 crore
  - Doubling of Broad Gauge line between New Bongaigaon to Azara via Goalpara Town and Digaru-Lumding were achieved during 2014-24

## SOME MAJOR SURVEYS FOR NEW BROAD GAUGE LINES

Surveys are going on for construction of 851 km of new Broad Gauge railway lines

- 140 km from Rangiya to Dekargaon via Bezera, Sipajhar, Mangaldoi, Dalgaon, Orang
- 100 km from Gogamukh to Jorhat via Dhakuakhana, Kamalabari and Garmur

### Key Benefits

- Major untouched areas of Darrang district will be connected to railway map providing a large number of people means of economic travel
- Majuli, the world's largest river island, will be connected with railway line to both north bank and south bank of river Brahmaputra

- 87 km from North Lakhimpur to Bame in Arunachal Pradesh via Silapathar
- 75 km from Lekhapani to Deban via Nampong, New Khamlang
- 96 km from Dumduma to Wakro via Simulguri, Namsi and Chowkham
- 60 km from Dangri to Roing
- 300 km from Tinsukia to Pasighat via Deomali, Lekhapani, Jairampur, Kharsang, Miao, Diyun, Tezu, Roing and Dambuk.
- 18 km from Dhalai Beel to Seijosa via Itakhola
- 21 km from Naharkatia to Deomali
- 180 km from Chaparmukh to Jowai via Bhokchung, Rajagaon, Baithalangso, Jengkha, Keroni and Umrangso
- 101 km new line alignment Dibrugarh (Tinsukia-Ledo) Makum

### Key Benefits

- Arunachal Pradesh will be connected by railway lines at multiple points with Assam. This will bring in major socio-economic development in the hilly terrain of the state
- Meghalaya will get an alternative new railway route apart from the one connecting Shillong with Guwahati



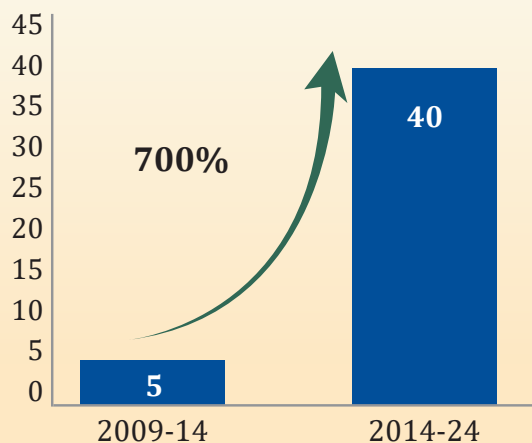
*New double line section constructed in Guwahati - Lumding*

## OTHER INFRASTRUCTURE & SAFETY ENHANCEMENT WORKS

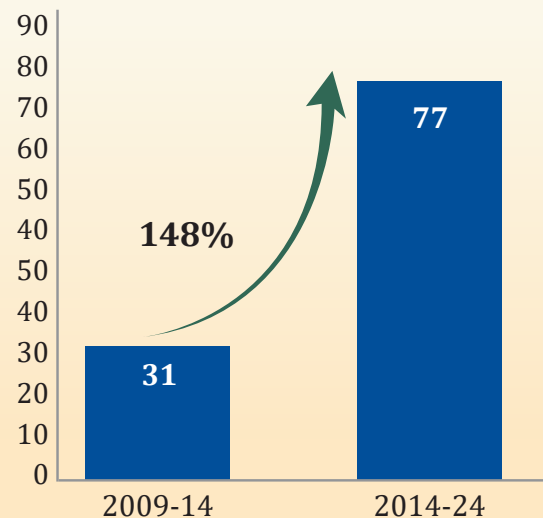
- 40 nos **Road Over Bridges (ROB)** constructed in Assam during 2014-24 to eliminate Railway Level Crossings for improving safety. Out of this 9 constructed in 2023-24
- 262 nos **Road Under Bridges (RUB)** constructed in Assam during 2014-24; 01 of these was constructed in 2023-24
- 18 additional waterways constructed to reduce the chance of flooding Railway Tracks
- All Unmanned Level Crossing gates in Assam were eliminated during 2014-19
- 23 Manned Level Crossing gates were eliminated during 2014-24 and new ROB's & RUB's were constructed in lieu of them
- BG Coach Maintenance Depot set up at Rangapara North and Silchar during 2014-19
- Infrastructure facilities upgraded at New Bongaigaon and Dibrugarh Workshops for maintenance of High-Speed Linke Hofmann Bosch (LHB) coaches
- A new coach manufacturing unit is planned to be setup at Bogribari, Kokrajhar
- Modern Parcel station at Agthori is coming up
- Yard remodelling of Guwahati station at a Cost Rs. 153 crore is going on
- Yard remodelling & New Coaching complex at New Guwahati Sectioned at a Cost Rs. Rs. 227 crore
- 50 stations of Assam are identified for upgradation under Amrit Bharat Stations Scheme at a cost of Rs. 2903.76 crore
- Integrated Power Supply System provided at 141 important stations during 2014-24
- Work for 5 ROB's, 2 RUB's, 10 FOB's, 14 Escalators and 12 Lifts are in progress
- 5 New Pit Lines constructed



Road Over Bridge



Foot Over Bridge



## CAPACITY ENHANCEMENT

- Kamalajari station commissioned

## AMENITIES PROVIDED AT STATIONS

- 77 **Foot Over Bridges (FOBs)** constructed during 2014-24; out of which 07 were constructed during 2023-24
- 221 Divyang toilets constructed upto March 2023
- 245 Toilets at stations constructed during 2014-2023
- 22 New Platforms constructed during 2014-2023; 10 of them in 2022-23
- Extension of platforms/Passenger Platform shed done in 57 stations during 2014-24. Out of which 5 during 2023-24
- Height of 45 platforms raised during 2014-24. Out of which 5 during 2023-24
- 23 Lifts provided during 2014-2024
- 21 Escalators provided during 2014-24
- Station Circulating Area Improved in 42 locations during 2014-24
- Soft Upgradation of Guwahati, Rangiya, and New Tinsukia stations involving new station building, waiting hall, refreshment hall and VIP lounge which was taken up during 2019-20 at a total cost of Rs 32 crore completed
- 12 New Station Buildings inaugurated at Panchratna, Goalpara Town, Krishnai, Dudhnoi, Chaparmukh, Thekaraguri, Dharmatul, Aujuri, Jagiroad, Dhansiri, Chapar, Bechimari station during 2022-24
- Kamakhya station being developed as a world class station with addition of new facilities and targeted to be completed very soon
- Silchar station will be developed with World Class amenities
- Guwahati station received ISO-14001:2015 certification for environment management system in 2019
- Food Plaza opened at New Tinsukia, Lumding, Guwahati during 2014-19 and in Rangiya station during 2019-20
- Public Address System commissioned in 39 stations during 2014-24
- Re-development of Kamakhya and Silchar station
- 49 stations have been taken up for re-development during 2022-23
- 7 stations are provided with 27 nos of water vending machines during 2014-24
- 7 nos of premium lounges are constructed during 2014-24
- 17 stations were provided with Airport standard lighting during 2014-24
- 81 One Station One Product stall set up at various station during 2014-24. Out of which 36 were set up during 2023-24



## COACH AUGMENTATION

- 441 coaches were permanently augmented during 2014–24 out of which 131 coaches during 2023-24 in various trains

## IMPROVEMENT OF AMENITIES IN TRAINS

### During 2014-2024:

- 42 Mail/Express trains got **On Board Housekeeping** (OBH) services
- Interior of Guwahati-Dibrugarh & Guwahati - Naharlagun Shatabdi Express upgraded for better aesthetic and passenger comfort under **Project Swarn**
- **High speed LHB Coaches** introduced in **31 trains**
- Mechanised Cleaning of coaches of all trains originating from Assam
- **SMS/Web based Passenger Complaints Management System** introduced in all Mail/Express trains originating from Assam
- **High Pressure Quick Watering System** commissioned at Guwahati and Lumding stations for quick watering of all the trains passing through
- **Automatic Coach Watering Plants** will be installed soon at Dibrugarh and Silchar
- **High speed LHB Coaches** introduced in **31 trains** of which **04 trains** during 2022-23
- Mobile charging facility provided in all coaches
- On Board Housekeeping services provided on additional 9 trains
- **New LHB bogie** repair shop commissioned at New Bongaigaon workshop
- All trains originating from Assam fitted with environment friendly **Bio-toilets** with no discharge on track
- **SCADA controlled quick watering system** installed at Badarpur Jn. station
- LED light provided in all passenger coaches on all trains





## DIGITAL INITIATIVES

- Free WiFi provided at 221 stations during 2014-24
- All UTS and PRS locations provided with current booking facilities
- 6 new UTS cum PRS commissioned during 2022-23
- Digital Train Indication Board commissioned in 9 stations during 2014-24
- Digital Coach Indication Board commissioned in 9 stations during 2014-24
- Digital Museums installed at 23 stations during 2014-24
- IPIS provided at 20 stations during 2014-24; 3 of them during 2023-24
- 78 nos of Point Of Sale (POS) machines provided in all rail head PRS counters during 2014-24 for cashless transaction
- Hand Held Terminal provided to Ticket Checking staff of many Mail/Express trains during 2014-24
- Mobile Ticketing System introduced in non-suburban sections during 2014-24
- All weigh bridges were integrated with FOIS during 2014-24



## PASSENGER SECURITY

- **525 CCTV monitoring system** provided at **17 stations** during 2014-24
- **Integrated Security System** provided at **three stations** namely **Guwahati, Lumding and Dibrugarh** during 2014-19 and at **eight** stations during 2019-24
- **“Child Help Line Desk”** provided at Guwahati, Rangiya and Tinsukia railway station
- **“Mahila Vahini”** namely Joymati Bahini & Kanaklata Bahini of RPF has been formed and **“Meri Saheli”** initiative has been implemented to ensure security of women passenger





## GREEN INITIATIVES

- All stations in Assam provided with **100% LED luminaries** during 2014-24
- **Solar power** panels of capacity **4262 KWp** installed during 2014-23 and **234 KWp** during 2023-24
- Environment friendly **Bio-Toilets** with no discharge on track provided in all passenger trains including DEMU trains during 2014-24
- **Plastic Bottle Crushing Machines** provided at Kokrajhar, Guwahati, Kamakhya, Lumding, Dimapur, Silcher, Rangiya, Barpeta Road, New Bongaigaon, New Tinsukia, station
- Environment friendly waste to energy plant commissioned at Kamakhya in 2019 for disposal of non-recyclable waste and utilization of energy generated
- Waste disposal incinerator (in place of HSD) for steam cleaning of BTPN wagon introduced, at New Bongaigaon Workshop
- **Bio Digester** for disposal of wet solid waste to manure is installed at 13 stations at Guwahati, New Bongaigaon, Rangiya, Dibrugarh, Silchar, Dimapur, Lumding & Badarpur
- Provision of roof top Solar Plants on 8 camping coaches provided
- 44 nos of station are having solar panels
- Guwahati station has been developed as Eco Smart station



*Solar Panels at Guwahati Railway Station*



*A Bio-Toilet Fitted Coach*

## RAILWAY ELECTRIFICATION

**Electrification Work sanctioned in entire Assam portion for electrification**

- **709.72 km (Track Kilometer)** of Electrification has been completed in the State of Assam during 2014-23 and **520.88** during 2023-24. With this **1230.6 km (Track Kilometer)** has been completed during 2014-24. Balance portion will be commissioned in 2024-25
- Electrification from Guwahati to Chaparmukh has already been commissioned and work upto Lumding has been completed on 24-03-2023

(As per Railway Board policy of 100% electrification, all other remaining sections in Assam are targeted to be completed by 2025)



## **FREIGHT INITIATIVES (2014-24)**

- 96,860 wagons were loaded and 3,47,347 wagons were unloaded in Assam during 2023-24
- 7,925 freight trains were unloaded in Assam during 2023-24
- Total 863 Parcel trains operated during 2021-22
- 77 New Freight Terminal opened during 2014-24
- Modern Parcel Station is being constructed at Agthori for better handling of Parcel trains
- Business Development Units set up at Head Quarter and Divisions.
- 21 goods terminals improved for better handling of freight and enhance efficiency
- 8 stations opened for various inbound/outbound traffic to enhance capacity during 2021-22
- 502 Kisan rails were run providing market access to farmers



***Bogibeel Bridge, Assam***