Shri Narendra Modi
Hon’ble Prime Minister

NEW RAILWAYS
NEW ANDHRA PRADESH
(2014 - 22*)

*Upto March 2022
“Desh ko Gati Rail se... Pragati bhi Rail se.”

Shri Narendra Modi
Hon’ble Prime Minister
Preface

Arun Kumar Jain
General Manager (In-Charge)
South Central Railway

Railways in India has always been identified as the lifeline, lending wheels to economic and industrial growth of the Nation, besides fulfilling public aspirations to stay connected. The emphasis towards developing the rail network has picked up momentum in the last few years, driven by the objective to meet expectations of the Hon’ble Prime Minister of India, who envisaged Indian Railways to develop and modernise its system for bringing about qualitative change in the lives of the people.

Andhra Pradesh State has been pivotal to the plans of Railways all though. Priority to serve the transport requirements of the state relate to a dual centric approach: Enhancing rail connectivity for public needs within the state forms basis for the development agenda on one side, while on broader perspective, the mission is meant to strengthen rail system passing though Andhra Pradesh, which acts as a crucial and dependable link between South of India and rest of the Nation.

Andhra Pradesh is witness to the best period of rail development in the last 8 years, having attained major milestones of growth. Capital investments for Rail projects rose from Rs. 1,105 crore in 2014-15 to Rs.7,032 crore in 2022-23, a staggering increase by more than 6 times in 8 years. The network has expanded by 350 km of new rail lines and 793 km of doubling, tripling and quadrupling of railway lines. This infrastructure thrust includes fast tracking of other works including capacity enhancement.

The progression of Railways in Andhra Pradesh is visible in many aspects, giving a new ease and convenience of rail travel. Making stations digitally enabled, implementing the concept of Swachh Rail-Swachh Bharat to optimise cleanliness at Railway station and trains, enhancing standards of passenger facilities/ amenities and ensuring stations become ‘Divyangjan’ friendly, are amongst the measures which mattered. Safety and Security has been prime factor to the plans of Railways. Commitment towards environmental sustainability and eco conservation is a core component of every plan in implementation.

It is to the credit of Indian Railways and resilience, that the huge challenge posed by pandemic Covid-19 has been overcome by ensuring that the supply chain that banks on rails, keeps moving to meet any emergent needs, be it to transport goods or carry home bound passengers. On the other hand, the regulation to train services offered an opportunity to undertake core infrastructure and maintenance works without interruption, so as to present a more energetic system for the benefit of people in the times to come.

Indian Railways remain committed to shape every genuine requirement of Andhra Pradesh state, in tune with a futuristic plan that has been conceptualised. People of the State can sure expect the best to come from Railways in the days ahead.
Increased capital investments

- Annual budget grant of Railways in Andhra Pradesh has increased by more than 6 times in 2022-23 as compared with the grant in 2014-15
- Current Year (2022-23) budget allocation is 96% more than the average budget allocation for the last 8 years (2014-22)

![Comparative budget allocations (₹ in crore)](image)

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

![Guntur - Tenali Doubling & Electrification](image)
Infrastructure thrust

6.6 km Tunnel Constructed between Rapur and Cherlapalli - Longest Electrified Tunnel on Indian Railways

Works completed in the last 8 years

- 350 km new railway lines completed
- 794 km doubling, tripling and quadrupling works done
- Average new Railway lines completed is 44 kms per year during 2014-22 as compared to 2 kms per year during 2009-14
Infrastructure thrust

Fast tracking electrification

- Doubling and electrification sanctioned on all Railway lines in Andhra Pradesh
- Average electrification of Railway routes per year increased from 58 kms in 2009-14 to 219 kms per year in 2014-22
- 1755 Route kms electrified since 2014
- In addition, 827 Track kms (along double line, third line, fourth line) has been electrified since 2014

![Average Route Kms electrified per year](chart.png)

Advantages

- Seamless connectivity
- Faster trains
- Environment friendly
- Low fuel cost

![Electrification of Guntur - Tenali section](img1.png)
![Electrification of Guntakal - Kalluru section](img2.png)
Infrastructure thrust

Important projects completed since 2014

New Railway lines
- Nandyal - Yerraguntla
- Obulavariapalli - Venkatachalam
- Kadapa - Pendlimarri
- Raidurg - Kadiridevarapalle
- New Piduguralla - Savalupuram

Doubling of Railway lines
- Krishnapatnam - Venkatachalam
- Matmari - Mantralayam Road
- Guntakal - Kalluru
- Guntur - Tenali
- Vijayawada - Bhimavaram Town - Narsapur
- Aravalli - Narsapur
- Gudivada - Machilipatnam
- Nallapadu - Satulur
- Kottavalasa - Srunavarpukota
- Zangalapalle - Chigicherla
- Dhone - Pendekallu - Maddikera
- Gooty - Taticherla
- Gajjelakonda - Gundlakamma

Tripling/Quadrupling of Railway lines
- Gopalapatnam - Kottavalasa 4th line
- Kottavalasa - Vizianagaram 3rd line
- Talamanchi - Ulavapadu 3rd line

Electrification of Railway routes
- Gooty - Dharmavaram
- Gooty - Taticherla (2nd line)
- Chigicherla - Zangalapalle (2nd line)
- Guntakal - Mantralayam Rd (Incl. 2nd line)
- Gooty - Pendekallu
- Guntur - Guntakal
- Nallapadu - Satulur (2nd line)
- Dhone - Maddikera (2nd line)
- Gajjelakonda - Gundlakamma (2nd line)
- Guntakal - Kalluru (Incl. 2nd line)
- Nallapadu - Pondugula
- Dharmavaram - Viduraswatha
- Obulavariapalli - Venkatachalam
- Dharmavaram - Tummanamgutta
- Pakala - Kalikiri
- Vijayawada - Bhimavaram Town - Narsapur (Incl. 2nd line)
- Narsapur - Aravalli (Incl. 2nd line)
- Gudivada - Machilipatnam (Incl. 2nd line)
- Guntur - Tenali (2nd line)
- Ulavapadu - Talamanchi (3rd line)
- Tenali - Repalle
- Virapur - Guntakal
- Nadikode - Macherla
- Kottavalasa - Srunavarpukota
- Vizianagaram - Kuneru
- Gopalapatnam - Vizianagaram (3rd line)
- Bobbili - Salur
Infrastructure thrust

New Railway line between New Piduguralla - Savyapuram

Major bridge in Vijayawada- Kondapalli section

Elimination of level crossing gates

Elimination of level crossing gates by constructing limited height subways in the state of Andhra Pradesh

Average no. of MLCs eliminated

- To enhance safety all 360 un-manned level crossing (UMLC) gates were eliminated by the end of October 2018
- Manned level crossing gates are being eliminated in phased manner
- 202 Manned level crossing gates were eliminated since April 2014
Infrastructure thrust

Road over/under bridges (ROB/RUBs)

- Facilitating uninterrupted and safe movement of road traffic
- Improving speed of trains and ensuring enhanced safety

Average no. of road under bridges completed per year

<table>
<thead>
<tr>
<th>Year</th>
<th>ROBs completed per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-14</td>
<td>8</td>
</tr>
<tr>
<td>2014-22</td>
<td>51 (538% increase)</td>
</tr>
</tbody>
</table>

Average no. of road over bridges completed per year

<table>
<thead>
<tr>
<th>Year</th>
<th>ROBs completed per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-14</td>
<td>5</td>
</tr>
<tr>
<td>2014-22</td>
<td>6 (20% increase)</td>
</tr>
</tbody>
</table>

Road under bridge near Guntur

Road over bridge near Anantapur
Capacity enhancement

Works commissioned since 2014

- Kavach - IR’s Indigenous Automatic Train Protection System has been deployed between Kurnool City - Dhone Stations to enhance safety.
- Electric loco shed at Visakhapatnam augmented for homing 300 locos
- Electric loco shed at Vijayawada augmented for homing 200 locos
- Standard layout (enhancement in train operations) is developed at Vermuru, Gajulapalli, Santamagaluru and Cheruvumadhavaram stations
- Additional pitlines with CAMTECH (Centre for advanced maintenance technology) design provided at Guntur Station

- Crossovers and common loops developed at Visakhapatnam, Tirupati, Regupalem, Elamanchili, Annavaram, Navabpalem and Ravikampadu stations
- Extension of shunting neck at Nallapadu station
- Provision of additional platform and yard remodelling at Gudur Station
- Renovated RPF barracks at Araku & Marripalem
- Dedicated coach watering facility provided at Visakhapatnam
- Additional loop lines constructed at Garladinne, Taticherla, Edduladoddi and Chandragiri stations
- Ramalingayyapalli, Krishnama Kona, Sangamjagarlamudi, Tiruchanur and Bommamasudram stations developed as new Crossing stations
- Three Block stations commissioned at Indupalli, Rompicherla and Nakirekallu
- New Intermediate Block Signalling (IBS) have been commissioned in Donakonda - Gajjelakonda, Mangalagiri - Namburu, Turkapalli - Pamidi, Mamanduru - Balapalle, Krishna Canal - Pedavadlapudi and Rangepalli - Maluguru Sections

Electric Loco Shed, Visakhapatnam

Tirchanur Crossing Station
Capacity enhancement

Works commissioned since 2014

- Gooty Yard remodelled and commissioned with SCR's largest Electronic Interlocking system consisting 343 routes
- Rajahmundry Yard completely redrawn and remodelled with Centralised Electronic Interlocking system consisting 260 + routes which facilitates dealing of incoming and outgoing trains simultaneously from Godavari Bridge.
- Two additional platform lines have been constructed at Rajahmundry and one additional platform line at Tiruchanur
- Tirupati Yard commissioned with centralised RRI consisting of 213 routes along with additional stabling line and additional running line.

- Nakkanadoddi Yard modified with 3 new crossovers, 2 turnouts, 2 shoot lines along with lead line to IOCL siding.
- Enhancement of Maximum Permissible speed to 130 Kmph has been sanctioned in the Golden Diagonal route between Kazipet - Vijayawada - Gudur and Golden Quadrilateral route between Renigunta - Wadi.
- SCR's Longer loop lines has commissioned at Bikkavolu and Navabpalem with a length of 1500 meters (double the length of normal loop line).
- CRS Tirupati, CRS Lallaguda record IOH outrun / or IB Signals
- Vijayawada yard modified by setting up new Bulb cabin duly redesigning existing cabins
Focus on stations

New station buildings constructed

- 13 New Station Buildings constructed during 2014-22

Jammalamadugu

Koilakuntla

Nossam

Proddutur

Guntakal
Improvement to station buildings/facades
➢ Improvement to station buildings/facades completed at 54 stations during 2014-22
Passenger amenities

Provision of foot over bridges, escalators, lifts and platform extensions etc. are now being treated as safety items with unlimited budget

- Foot over bridges
- Escalators
- Lifts
- Platform extensions

In last 8 years
- 64 Foot over bridges constructed
- 30 Escalators provided
- 46 Lifts Installed
- 83 Platform extensions completed

Works in progress for
- 1 Escalator
- 5 Lifts

Proposals on hand for
- 3 Escalators
- 8 Lifts
Passenger security

- Integrated Security system provided at Tirupati and Visakhapatnam Railway stations with 34 cameras
- 880 CCTV cameras installed at 35 major Railway stations
- Proposed for installation of 918 cameras in 21 stations under NIRBHAYA fund

**Average no. of children rescued per year**

- 113 children rescued in 2009-14
- 293 children rescued in 2014-22
- Increase of 159%

CCTV surveillance monitoring at Rajahmundry Railway station
Passenger security

Average value of stolen gold ornaments recovered per year (₹ in lakh)

- **2009-14**: 26
- **2014-22**: 118
- **+354% increase**

Average fine recovered in major crackdown on touting per year (₹ in thousand)

- **2009-14**: 98
- **2014-22**: 182
- **+86% increase**

Average no. of cases returning of left behind luggage per year

- **2009-14**: 101
- **2014-22**: 431
- **+330% increase**
Moving Andhra Pradesh’s economy: Freight

- 4 private sidings commissioned at
  - M/s Ramco Cements Ltd., Narasingapalli
  - M/s Hindustan Petroleum Corporation Ltd., Bhakarapet
  - M/s Panyam Cements & Mineral Industries Ltd., Bugganapalle
  - M/s JSW Cement Limited, Panyam
- New private freight terminals commissioned at Anaparti, Visakhapatnam and Narsingapalli
- First ever Gati-Shakti Multi Modal Cargo Terminal over SCR Viz., M/s. Indian Oil Corporation Limited commissioned at Nakkanadoddi
- A new container Terminal has been opened at Jaggayapet Town for cement loading in containers
- 11 new stations opened for handling goods traffic at
  - Banaganapalli
  - Veldurthi
  - Krishnapuram
  - Nidiguntapalem
  - Panyam
  - Penukonda
  - Cheepurupalli
  - Nagasamudram
  - Kotabommali
  - Zangalapalle
  - Prasannayananapalli

Average freight loading per year (in Million tonnes)

<table>
<thead>
<tr>
<th>Period</th>
<th>Loading in MTs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-14</td>
<td>66</td>
</tr>
<tr>
<td>2014-22</td>
<td>77</td>
</tr>
</tbody>
</table>

+17% increase

Private freight terminal at Anaparti
Freight initiatives during COVID-19

- Uninterrupted movement of freight trains during lock down to ensure the supply of essential commodities across the Nation
- 6.6 million tonnes of food grains transported from Andhra Pradesh to different parts of the country to balance the food supply
- 20 rakes of essential commodities transported from Reddipalem and Tadepalligudem in Andhra Pradesh beyond the borders to Bangladesh
- 33 rakes containing 100 cars each transported from Penukonda to Nepal

New traffic dealt during lockdown

- Reefer containers loading from Tadipatri
- Dry chillies loading from Tadepallegudem and Repalle
- Industrial salt loading from Kakinada Sea Ports Ltd
- Pulses loading from Kadapa and Ongole
- Jowar loading from Repalle, Ongole and Nandyal
- Silica sand loading from Gudur

Parcel Trains

- 138 time tabled parcel trains operated to various destinations
- 4 Lakh tonnes of parcels transported
- 11 trains to Bangladesh transporting 5,035 tonnes of Dry chillies from Reddipalem

Doodh Duronto Special Trains

- During COVID-19, Doodh Duronto special introduced between Renigunta in Andhra Pradesh and New Delhi to supply milk
- Around 15 Crore liters of milk transported by 628 trains

Oxygen Express

- 4,824 MT of Liquid Medical Oxygen delivered at different stations in Andhra Pradesh transported in more than 250 tankers from Eastern & Western Parts of the Country
Kisan Rail

- Kisan Rail has been introduced to help farmers in promoting the farm produce in the major markets for better price realization duly avoiding enroute damage and ensuring fast transportation.

- South India's first Kisan Rail and second in the country flagged off on 9th September 2020 from Anantapur in Andhra Pradesh to Adarsh Nagar in New Delhi.

- 114 rakes of Kisan Rail have been operated and transported 33660 tonnes Agricultural products to different stations of the country.

Shramik specials

- 85 Shramik specials operated from 16 stations and transported more than 1 lakh passengers to different destinations over the country.

- 16 STATIONS
- 85 TRAINS
- 1,02,971 PASSENGERS
Infra maintenance during Covid-19

- Major infrastructural maintenance work carried out at Rail cum road bridge across river Godavari after a gap of 43 years
- Replacement/reconstruction/repair work of bridges carried out for 89 bridges at various locations
- Conversion of wooden scissors layout with standard PSC layout with CMS crossings at Vijayawada station yard

Track maintenance works

- Converting Covid-19 crisis into an opportunity, taking the advantage of reduced train movements, Railways swiftly completed track maintenance works in the state of Andhra Pradesh to enhance safety
- Track maintenance activity carried out in the state of Andhra Pradesh is one among the best maintenance activities carried out over Indian Railways

Track maintenance activity in Andhra Pradesh

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the work</th>
<th>2020-21</th>
<th>2021-22</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Length</td>
<td>Points</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(in Km)</td>
<td>(in numbers)</td>
</tr>
<tr>
<td>1</td>
<td>Plain packing (3X, CSM, WST)</td>
<td>7,656</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Turnout packing (UNIMAT)</td>
<td>-</td>
<td>3,429</td>
</tr>
<tr>
<td>3</td>
<td>Ballast cleaning machine (Plain track)</td>
<td>419</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>PQRS works</td>
<td>103</td>
<td>-</td>
</tr>
<tr>
<td>5</td>
<td>T-28 works</td>
<td>-</td>
<td>373</td>
</tr>
</tbody>
</table>
Quarantine/Isolation coaches

- As per the advise from the Ministry of Railways, Rail coaches have been converted into quarantine / isolation coaches to be in preparedness for any quarantine/isolation requirements during Covid-19
- The workshops / depots located in the state of Andhra Pradesh have completed conversion of 280 coaches into quarantine / isolation coaches

Covid wards setup at Railway hospitals

- Railway hospitals at Vijayawada, Visakhapatnam and Guntakal have been identified as Covid care hospitals for treating Railway employees, retired personnel and their beneficiaries suffering with mild symptoms of Covid-19
- 100 beds have been set-up at Railway hospital, Vijayawada
- 70 beds have been set-up at Railway hospital, Visakhapatnam
- 40 beds have been set-up at Railway hospital, Guntakal
- In addition, a total of 683 quarantine beds have been provided at 25 locations across Andhra Pradesh
- Oxygen generation plants have been setup at Divisional Railway Hospital, Vijayawada with 500 litres per minute (LPM) capacity, Divisional Railway Hospital, Guntakal with 570 LPM and Sub Divisional Hospital CRS Tirupati with 150 LPM
Resources required to combat Covid-19

- Rail personnel working at various locations across Andhra Pradesh have come forward and voluntarily prepared Covid-19 safety essential items

<table>
<thead>
<tr>
<th>MASKS</th>
<th>SANITIZERS</th>
<th>BEDS</th>
<th>PPE KITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,50,063</td>
<td>11,375 l</td>
<td>11</td>
<td>1,050</td>
</tr>
</tbody>
</table>

Helping hands during lockdown

- Food has been supplied at 19 Railway stations to the passengers traveling by Shramik specials originating & passing through Andhra Pradesh state and also to the persons who faced difficult times

- Grocery, food and financial aid has been given to licensed porters working at all the major Railway stations across the Andhra Pradesh state whose livelihood was effected due to stoppage of train services
Digital Rail - Digital India

Fast and free Wi-Fi
- Free high speed Wi-Fi network facility provided at all Railway stations in the state of Andhra Pradesh except halt stations
- 341 stations in Andhra Pradesh provided with free high speed Wi-Fi facility in the last 7 years

DiGiPAY stations
- 9 Railway stations viz., Vijayawada, Visakhapatnam, Tirupati, Kakinada, Guntur, Rajahmundry, Nellore, Kurnool City and Tenali are completely DiGiPAY stations
- Cashless transactions can be made through BHIM, RuPay, Debit cards, e-wallets, etc. at ticket counters

UTS on Mobile
- UTS on Mobile App is extended on pan India level for purchase of paperless unreserved ticket from any station to any station including platform ticket, season tickets

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23
- On-board house keeping services on 37 pairs of trains
- Mechanised cleaning facility available at 36 stations
- Clean train station (CTS) concept is in implementation at 4 stations
- Mechanised cleaning of coaches is made available at 7 coaching depots
- Automatic coach washing plant installed at Kakinada
- Mechanised “BOOT” laundries setup at Vijayawada, Kakinada and Tirupati to ensure supply of Washed linen.
- Waste to compost plants set up at Guntakal, Vijayawada and Guntur
- Plastic Bottle Crushing machines available at 43 Stations
Green initiatives

Harvesting solar energy
- 4.7 MWp solar panels provided at more than 600 locations

Solar cover over platform (COP)
- 130 kWp high capacity BIPV solar plant installed on COP at Vijayawada
- Solar plants installed on COP at Tenali, Vinukonda and Nidadavolu

LED fittings
- All Railway stations, Railway colonies, street lights, LC gates provided with LED lighting

Sunlight pipe technology
- 102 locations provided with state-of-the-art day light pipes

Energy neutral stations
- 10 Stations are made energy neutral

Effluent Treatment Plants
- 6 Locations - Tirupati (2), Vijayawada (2), Guntakal, Gooty

Sewage Treatment plants
- 3 Locations (Vijayawada (2) & Tirupati)

Water Recycling plant
- 3 Locations - Guntur, Rayanapadu & Visakhapatnam
Green initiatives

Green-Co certification awarded by Indian green building council - confederation of Indian industry (IGBC-CII)

Rail Vikas Bhavan, Guntur - “Platinum rating”

Visakhapatnam Railway station - “Platinum rating”

Wagon workshop Rayanapadu - “Gold rating”

Vijayawada Railway Station - “Gold rating”

Diesel locoshed, Visakhapatnam - “Gold rating”

DRM’s office, Guntakal - “Platinum rating”

OPD Building of Divisional Railway Hospital, Vijayawada - “Platinum rating”

Carriage Repair Shop, Tirupati - “Gold rating”

Guntakal Railway Station - “Gold rating”

Diesel locoshed, Gooty & Guntakal - “Silver rating”

Tirupati Railway station - “Gold rating”

Diesel locoshed, Vijayawada - “Gold rating”
# Road ahead

## Status of the important projects sanctioned prior to 2014

### New line projects

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the project</th>
<th>Cost (₹ in Crore)</th>
<th>Length (in km)</th>
<th>Current status of the project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kotipalli - Narsapur</td>
<td>1,045</td>
<td>57</td>
<td>In progress</td>
</tr>
<tr>
<td>2</td>
<td>Gudur - Duggarajapatnam</td>
<td>760</td>
<td>42</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>3</td>
<td>Nadikudi - Srikalahasthi</td>
<td>2,289</td>
<td>309</td>
<td>46 kms completed</td>
</tr>
<tr>
<td>4</td>
<td>Cumbum - Proddutur</td>
<td>829</td>
<td>142</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>5</td>
<td>Kondapalli - Kothagudem</td>
<td>616</td>
<td>125</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>6</td>
<td>Kadapa - Bengaluru</td>
<td>1,729</td>
<td>255</td>
<td>21 kms completed</td>
</tr>
<tr>
<td>7</td>
<td>Bhadrachalam - Kovvuru</td>
<td>923</td>
<td>151</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>8</td>
<td>Rayadurg - Tumkur</td>
<td>1,010</td>
<td>213</td>
<td>63 kms AP portion completed</td>
</tr>
<tr>
<td>9</td>
<td>Marikuppam - Kuppam</td>
<td>162</td>
<td>17</td>
<td>In progress</td>
</tr>
<tr>
<td>10</td>
<td>Macherla - Nalgonda</td>
<td>458</td>
<td>92</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>11</td>
<td>Kakinada - Pithapuram</td>
<td>220</td>
<td>21.5</td>
<td>Sanctioned</td>
</tr>
</tbody>
</table>

### Doubling, third line and electrification projects

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the project</th>
<th>Cost (₹ in Crore)</th>
<th>Length (in km)</th>
<th>Current status of the project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Guntur - Tenali (Doubling with Electrification)</td>
<td>147</td>
<td>24</td>
<td>Completed</td>
</tr>
<tr>
<td>2</td>
<td>Kazipet - Vijayawada (3rd line and electrification)</td>
<td>1,821</td>
<td>220</td>
<td>In progress</td>
</tr>
<tr>
<td>3</td>
<td>Vijayawada - Gudivada/Machilipatnam-Bhimavaram/Narsapur - Nidadavolu (Doubling with electrification)</td>
<td>1,504</td>
<td>221</td>
<td>186 kms doubling completed with electrification</td>
</tr>
<tr>
<td>4</td>
<td>Guntakal - Bellary (Electrification)</td>
<td>21</td>
<td>49</td>
<td>Completed</td>
</tr>
</tbody>
</table>

Double line works between Moturu - Akividu in Gudivada - Bhimavaram section
Road ahead
Status of the projects sanctioned since 2014

**New line projects**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the project</th>
<th>Cost (₹ in Crore)</th>
<th>Length (in km)</th>
<th>Current status of the project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Vijayawada - Guntur via. Amaravathi</td>
<td>2,680</td>
<td>106</td>
<td>Sanctioned</td>
</tr>
<tr>
<td>2</td>
<td>By-pass lines at Renigunta, Gooty, Vijayawada, Vizianagaram</td>
<td>700</td>
<td>700</td>
<td>In progress</td>
</tr>
</tbody>
</table>

**Doubling projects**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Project</th>
<th>Cost (₹ in Crore)</th>
<th>Length (in km)</th>
<th>Current status of the Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kalluru - Guntakal (with electrification)</td>
<td>323</td>
<td>41</td>
<td>Completed</td>
</tr>
<tr>
<td>2</td>
<td>Guntur - Guntakal (with electrification)</td>
<td>3,571</td>
<td>443</td>
<td>126 kms completed</td>
</tr>
<tr>
<td>3</td>
<td>Gooty - Dharmavaram (with electrification)</td>
<td>636</td>
<td>90</td>
<td>59 kms completed</td>
</tr>
<tr>
<td>4</td>
<td>Kottavalasa - Araku</td>
<td>1,840</td>
<td>105</td>
<td>26 kms completed</td>
</tr>
<tr>
<td>5</td>
<td>Dharmavaram-Katpadi (with electrification)</td>
<td>2,900</td>
<td>290</td>
<td>Sanctioned in 2020</td>
</tr>
<tr>
<td>6</td>
<td>Guntur - Pondugula</td>
<td>1,050</td>
<td>105</td>
<td>Sanctioned in 2020</td>
</tr>
<tr>
<td>7</td>
<td>Kurnool City - Dhone</td>
<td>540</td>
<td>54</td>
<td>Sanctioned in 2020</td>
</tr>
<tr>
<td>8</td>
<td>Dharmavaram - Viduraswatha (with electrification)</td>
<td>702</td>
<td>97</td>
<td>In progress</td>
</tr>
</tbody>
</table>

**Third line projects**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Project</th>
<th>Cost (₹ in Crore)</th>
<th>Length (in km)</th>
<th>Current status of the Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Duvvada - Vijayawada (with electrification)</td>
<td>3,873</td>
<td>335</td>
<td>In progress</td>
</tr>
<tr>
<td>2</td>
<td>Vijayawada - Gudur (with electrification)</td>
<td>3,246</td>
<td>288</td>
<td>64 kms completed</td>
</tr>
<tr>
<td>3</td>
<td>Vizianagarm - Kuneru</td>
<td>1,000</td>
<td>100</td>
<td>In progress</td>
</tr>
<tr>
<td>4</td>
<td>Vizianagarm - Ichapuram</td>
<td>1,920</td>
<td>192</td>
<td>In progress</td>
</tr>
</tbody>
</table>

**Electrification projects**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the project</th>
<th>Cost (₹ in Crore)</th>
<th>Length (in km)</th>
<th>Current status of the project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Nallapadu - Pagidipalli</td>
<td>296</td>
<td>285</td>
<td>Completed</td>
</tr>
<tr>
<td>2</td>
<td>Kurnool City - Dhone</td>
<td>70</td>
<td>55</td>
<td>Completed</td>
</tr>
<tr>
<td>3</td>
<td>Tenali - Repalle</td>
<td>26</td>
<td>34</td>
<td>Completed</td>
</tr>
<tr>
<td>4</td>
<td>Nandyal - Yerranguntla</td>
<td>111</td>
<td>123</td>
<td>Completed</td>
</tr>
<tr>
<td>5</td>
<td>Dharmavaram - Pakala</td>
<td>210</td>
<td>228</td>
<td>176 kms completed</td>
</tr>
<tr>
<td>6</td>
<td>Kottavalasa - Palasa</td>
<td>180</td>
<td>177</td>
<td>In progress</td>
</tr>
<tr>
<td>7</td>
<td>Vizianagarm - Kuneru</td>
<td>110</td>
<td>100</td>
<td>Completed</td>
</tr>
<tr>
<td>8</td>
<td>Naupada - Patapatnam</td>
<td>34</td>
<td>34</td>
<td>In progress</td>
</tr>
<tr>
<td>9</td>
<td>Gooty - Dharmavaram (Single Line)</td>
<td>100</td>
<td>90</td>
<td>Completed</td>
</tr>
</tbody>
</table>
Details of Nadikudi - Srikalahasti new railway line project
- Phase-I - Piduguralla - Savalyapuram (46 km)
- Phase-II - Gundlakamma - Darsi (27 km)
- Phase-III - Darsi - Kanigiri (52 km) & Venkatagiri - Atluripadu (15 km)
- Phase-IV - Kanigiri - Pamuru (35 km) & Atluripadu - Venkatapuram (43 km)
- Phase-V - Pamuru - Obulayapalle - Venkatapuram (90 km)
- 50% cost sharing by Government of Andhra Pradesh with land free of cost

Benefits of the new project
- Serves as an alternate route to decongest the busy Chennai - Howrah corridor Rail line between Chennai - Vijayawada
- Gives new hope to the people in the hinterland areas, which were hitherto unconnected on the rail map.
- Boost to the socio-economic development in the backward interior areas of Guntur, Prakasam and Nellore districts of Andhra Pradesh
- The rich mineral source belt of the region will gain a lot in terms of enabling transportation of mineral resources to the market areas

Status
- Phase - I works between Piduguralla - Savalyapuram for a distance of 46 km has been completed.

NADIKUDI-SRIKALAHASTI (308.70 km) New Line

Nadikudi - Srikalahasti new line via Piduguralla, Darsi, Atmakur (Meeting aspirations of the people of Andhra Pradesh)

Year of sanction: 2011-12
Estimated cost ₹ 2,289 crore
Road ahead

Fully double line tracks on all important routes

Totally electrified network

New range of train services

Modern station buildings with state-of-the-art passenger amenities