

Shri Narendra Modi

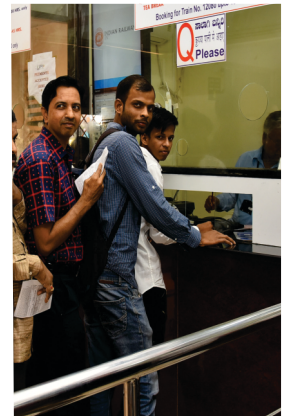
Hon'ble Prime Minister

NEW RAILWAYS NEW KARNATAKA

(2014 - PRESENT*)



June-2019





Desh ko Gati rail se
Pragati *bhi rail se*

Shri Narendra Modi

Hon'ble Prime Minister





PREFACE



Ajay Kumar Singh

General Manager,
South Western Railway

Indian Railways is the lifeline of the nation and catalyst for India's progress and economic development. South Western Railway (SWR) plays significant role in the socio-economic development of Karnataka State. The Railway has been operational from 1st April 2003 with headquarters at Hubballi in the State of Karnataka. 84% of SWR's jurisdiction covers Karnataka. Southern & South Central Railways join hands with South Western Railway in contributing towards development of Karnataka and improvement of train services.

Railways have achieved many visible milestones in Karnataka in the recent past. 331 Kms of new lines and 637 Kms of doubling have been completed in last five years. 122 new Mail-Express and Passenger trains have been introduced. Apart from this, many trains have been extended and frequency increased. On the freight side, loading on South Western Railway has been steady nearly 40 Million Tonnes.

The Railway Personnel are vibrant and dedicated, ready to adopt to changing scenario of the transport sector and to fulfil the expectations of people of Karnataka. This booklet is aimed at listing out some of the important accomplishments in recent past and current projects in the state of Karnataka. We seek your contribution and co-operation towards Swachh Bharat Abhiyan and to maintain cleanliness in Rail premises.

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



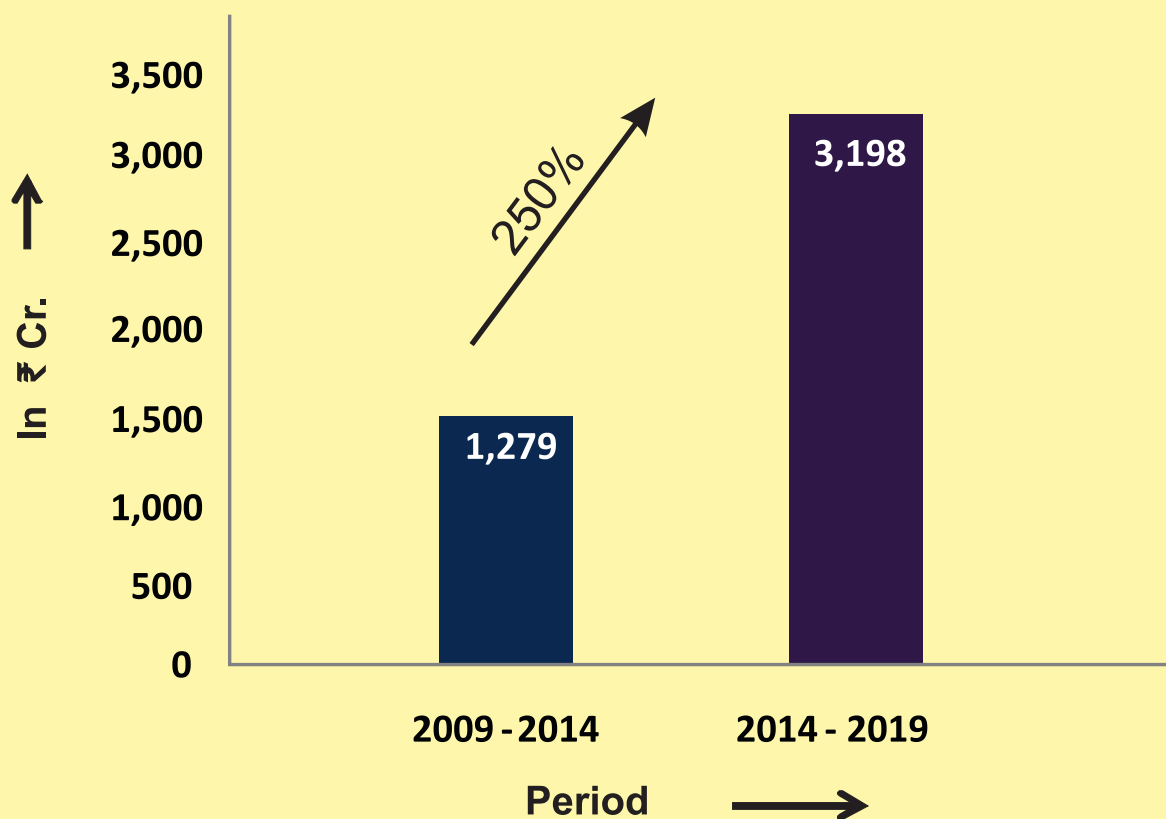


INCREASED CAPITAL INVESTMENTS

Average Budget Grant per year		% Increase
2009 to 2014	2014 to 2019	2009-14 V/s 2014-19
₹ 1,067 Crore	₹ 2,586 Crore	+142%

Average annual budget grant of Railways in Karnataka nearly tripled in last five years

Capital Expenditure per year



Capital Expenditure Increased 2.5 fold



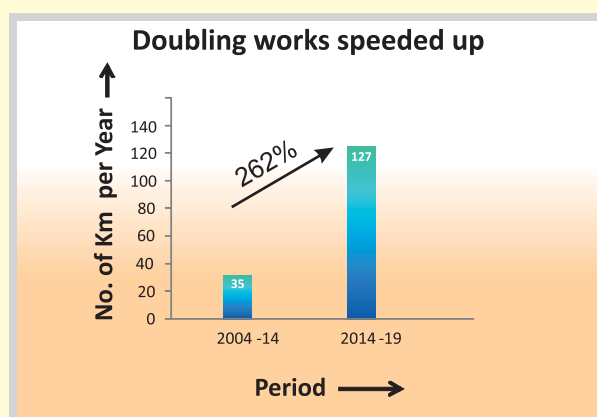
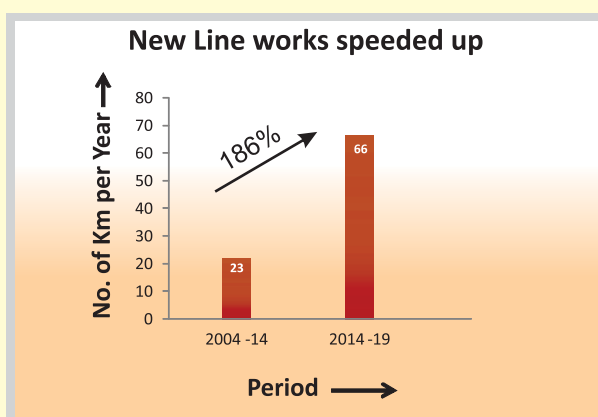
Infrastructure Thrust



“Hon’ble Prime Minister Shri Narendra Modi flagging off first train on Bidar-Kalburgi New Line”

Works Completed in last 5 years

- ❖ 331 Km new lines completed
- ❖ 637 Km doubling done



New lines tripled from 23 Km per year in 2004-14 to 66 Km per year in 2014-19 i.e + 186%.

Doubling increased from 35 Km per year in 2004-14 to 127 Km per year in 2014-19 i.e + 262%.



Infrastructure Thrust

Important Projects Completed from 2014

New Lines

- ❖ Hassan - Shravenabelagola - KSR Bengaluru (140 Km)
- ❖ Kalburgi - Bidar (104 Km)

Doubling of Tracks

- ❖ KSR Bengaluru - Mysuru (140 Km)
- ❖ Raichur - Wadi (108 Km)
- ❖ Birur - Tolahunse (106 Km)
- ❖ Hosapete - Harlapur (67 Km)

Electrification of Tracks

- ❖ Yelahanka - Dharmavaram (211 Km)
- ❖ KSR Bengaluru - Mysuru (140 Km)
- ❖ Raichur - Wadi (108 Km)
- ❖ Ballari - Hosote (69 Km)





Infrastructure Thrust

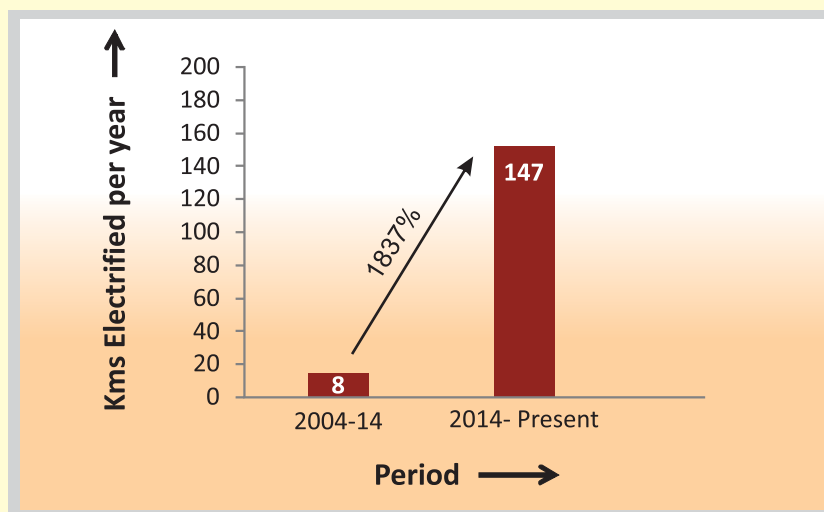
Works in pipeline

- ❖ 19 new line projects of 2058 Km for Rs.19,138 Crore
- ❖ 12 doubling projects of 1394 Km for Rs. 9,369 Crore
- ❖ 16 surveys for new lines in progress

Doubling & Electrification sanctioned on all main lines in Karnataka

Fast track Electrification

- ❖ Electrification of tracks increased 22 times per year from 8 Km in 2004 - 14 to 177 Km in 2014 - 19



- ❖ 734 route Kms electrified since 2014
- ❖ 466 route Kms under electrification
- ❖ Electrification of another 1284 route Km sanctioned at a cost of ₹ 1888.24 Crore

Advantages

- ❖ Faster trains
- ❖ Environment friendly
- ❖ Lower energy costs



Infrastructure Thrust



- ❖ Historically unelectrified routes in Karnataka being electrified in mission mode.
- ❖ More than 150 Km track being electrified every year since 2014.

Road Over & Road Under Bridges

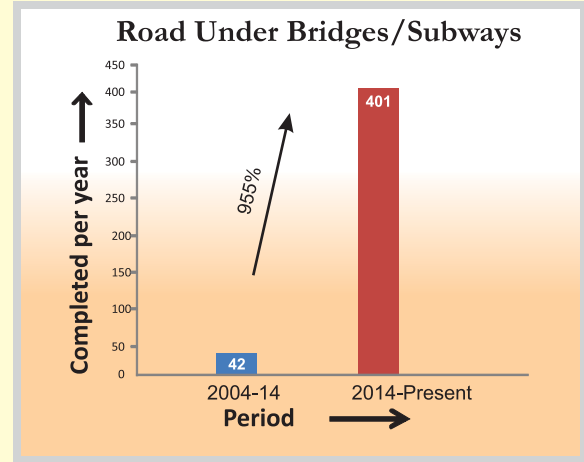
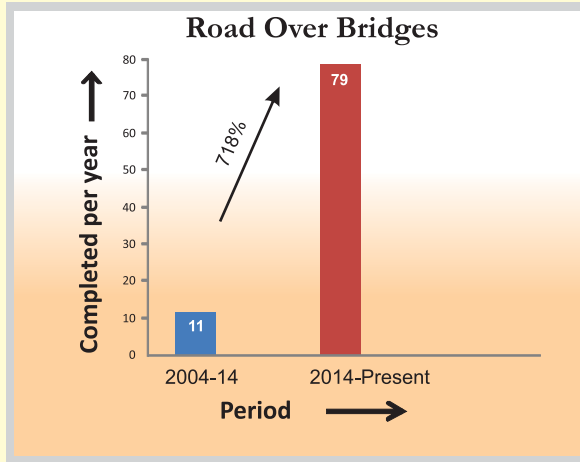
- ❖ Facilitating uninterrupted and safe movement of road traffic.
- ❖ Improving speed of trains and safety.

New Works Sanctioned in last 4 Budgets

Details	Numbers
Road Over Bridge	52
Road Under Bridge	154
Total	206



Infrastructure Thrust



**Road Under Bridge
at Sahakarnagar**



**Road Over Bridge
at Belagavi**



**Dedication of reconstructed Road Over Bridge at Gogte Circle, Belagavi by
Hon'ble MP Sri Suresh Angadi and Dr. Prabhakar Kore**

Karnataka is now free of unmanned level crossings. A great big mile in South Western Railway.



Capacity Enhancement



Works commissioned in the last 5 years

- ❖ Rail Bogie Karkhana set up at Yadgir - Will help to “Make in India” and brings more jobs and investment to Karnataka
- ❖ Car Shed at Banaswadi in Bengaluru for suburban trains
- ❖ Diesel Shed Krishnarajapuram - Capacity upgraded from 125 to 150 locos
- ❖ Coaching depot at Kalburgi for more train services
- ❖ Indian Institute of Disaster Management (IRIDM) at Hejjala



Rail Bogie Karkhana at Yadgir



MEMU Car Shed, Banaswadi



Indian Institute of Disaster Management
Hejjala



Karnataka Connected - Passenger Focus



124 New Trains Introduced from 2014 - 19

1. Train No.22695/22696 Yesvantpur - Jaipur - Yesvantpur Weekly AC Express (Premium)
2. Train No. 17321/17322 Hubballi - Mumbai - Hubballi Weekly Express
3. Train No.16229/16230 Mysuru - Varanasi - Mysuru Bi-weekly Express
4. Train No. 16587/16588 Yesvantpur - Bikaner - Yesvantpur Bi-weekly Express
5. Train No. 56921/56922 Hubballi - Belagavi - Hubballi Daily fast Passenger
6. Train No. 56282/56281 KSR Bengaluru - Chamarajanagar - KSR Bengaluru Daily fast Passenger
7. Train No. 56277/56278 Chikmagalur - Yesvantpur - Chikmagalur Daily fast Passenger
8. Train No. 18111/18112 Tata Nagar - Yesvantpur - Tata Nagar Weekly Express
9. Train No. 76523/76524 Yesvantpur - Hosur - Yesvantpur 6-Day MEMU Service
10. Train No. 16579/16580 Yesvantpur - Shivamogga Town - Yesvantpur Tri-weekly Express
11. Train No. 56925/56926 KSR Bengaluru - Tumakuru - KSR Bengaluru Daily fast passenger
12. Train No. 16577/16578 Yesvantpur - Harihar - Yesvantpur Tri-weekly Express
13. Train No. 56665/56666 Byndoor - Kasaragod - Byndoor Daily Passenger
14. Train No. 11076/11075 Bidar-Lokamanya Tilak Terminus Mumbai - Bidar Weekly Express
15. Train No. 11073/11074 Lokamanya Tilak Terminus Mumbai-Chennai Central-Lokamanya Tilak Terminus Mumbai Weekly Express
16. Train No 19419/19420 Chennai Central - Ahmedabad - Chennai Central Bi-weekly Express
17. Train No.11031/32 Solapur - Vijayapur - Solapur Bi-weekly express
18. Train No. 22863/64 Howrah - Yesvantpur - Howrah AC Weekly express



Karnataka Connected - Passenger Focus



Hon'ble Prime Minister Shri Narendra Modi dedicating the Electrification of the Railway Line between KSR Bengaluru & Mysuru



Shri D. V. Sadananda Gowda,
Hon'ble Union Minister
flagging off new Yesvantpur - Hazrat Nizamuddin
weekly Express



Late Ananth Kumar, Hon'ble Union Minister
flagging off Yesvantpur - Bikaner
Bi-weekly Express



Shri Yeddyurappa, Hon'ble MLA
& former Chief Minister, Karnataka
flagging off Byndoor - Kasaragod Passenger



Shri Piyush Goyal Hon'ble Minister of Railways
Releasing "New Railway New Karnataka" Booklet
Showing the achievements of SWR



Shri Piyush Goyal Hon'ble Minister of Railways
in interaction with women staff in forefront of
train operations on Women's Day



Karnataka Connected - Passenger Focus

19. Train No. 17417/17418 Sainagar Shirdi - Tirupati - Sainagar Shirdi Weekly Express
20. Train No. 22679/22680 Yesvantpur - Hassan - Yesvantpur Daily Intercity Express
21. Train No. 16581/16582 KSR Bengaluru - Shivamogga - KSR Bengaluru
Tri-weekly Express
22. Train No. 17022/17021 Vasco da Gama - Hyderabad - Vasco da gama
Weekly Express
23. Train No. 17420/17419 Vasco da Gama - Tirupati - Vasco da gama Weekly Express
24. Train No. 22888/22887 Yesvantpur - Howrah - Yesvantpur Weekly Humsafar
Express
25. Train No. 66535/66536 KSR Bengaluru - Ramanagaram - KSR Bengaluru 6-Day
MEMU service
26. Train No. 66537/66538 KSR Bengaluru - Ramanagaram - KSR Bengaluru
6-Day MEMU service
27. Train No. 66539/66540 KSR Bengaluru - Ramanagaram - KSR Bengaluru
6-Day MEMU service
28. Train No. 66542/66541 KSR Bengaluru - Whitefield - KSR Bengaluru
Weekly 6-Day MEMU service
29. Train No. 66544/66543 KSR Bengaluru - Kuppam - KSR Bengaluru
Weekly 6-Day MEMU service
30. Train No. 57478/57477 Kalyanadurga - Tirupati - Kalyanadurga Passenger
31. Train No. 12503/12504 Bengaluru Cantt. - Kamakhya - Bengaluru Cantt.
Weekly Humsafar Express
32. Train No. 22497/22498 Sriganaganagar- Tiruchchirapalli - Sriganaganagar
Weekly Humsafar Express
33. Train No. 56927/56928 Hubballi - Chikkabenaikal - Hubballi Fast passenger
34. Train No. 11307/11308 Kalburgi - Hyderabad - Kalburgi Intercity express
35. Train No. 16575/16576 Mangaluru Jn - Yesvantpur - Mangaluru Jn
Tri-weekly Express
36. Train No. 06594/06593 Baiyyappaahalli - Whitefield - Baiyyappaahalli
Weekly 6-Day MEMU service



Karnataka Connected - Passenger Focus

37. Train No. 17325/17326 Hubballi - Mysuru - Hubballi Daily Viswamanava Express (via KSR Bengaluru)
38. Train No. 17323/17324 Hubballi - Varanasi - Hubballi Weekly Express
39. Train No. 22833/22834 Krishnarajapuram - Bhubaneswar - Krishnarajapuram Weekly Humsafar Express
40. Train No. 22143/22144 Mumbai Central - Bidar - Mumbai Central Tri-weekly Express
41. Train No. 22919/22920 Chennai Central - Ahmadabad - Chennai Central Humsafar Weekly Express
42. Train No. 77651/77652 Kalburgi - Bidar - Kalburgi 6-Day DEMU service
43. Train No. 77655-77656 Kalburgi-Bidar-Kalburgi 6-Day DEMU service
44. Train No. 06513/06512 Bangarapet-Marikuppam-Banaswadi Weekly One Way Special Service
45. Train No. 19668/19667 Mysuru - Udaipur - Mysuru Humsafar Express Weekly
46. Train No. 06567/06568 Whitefield - Baiyyappanahalli - Whitefield 6-Day MEMU special service
47. Train No. 06569/06570 Baiyyappanahalli - KSR Bengaluru City - Baiyyappanahalli 6-Day MEMU special service



Flagging off New Mysuru - Udaipur - Mysuru Humsafar Weekly Express train by Shri Narendra Modi, Hon'ble Prime Minister

**Average No. of New Trains introduced
has increased from 19 per year in 2004-14
to 25 per year in 2014 - 2019**



Karnataka Connected - Passenger Focus

48. Train No. 06571/06572 Banaswadi - Hosur - Basanswadi 6-Day DEMU special service
49. Train No. 06573/06574 Hosur - Banaswadi - Hosur 6-Day DEMU special service
50. Train No. 16543/16544 Yesvantpur - Hubballi - Yesvantpur Weekly Express
51. Train No. 11065/11066 Mysuru - Renigunta - Mysuru Weekly Express
52. Train No. 22666/22665 Coimbatore - KSR Bengaluru City - Coimbatore 6-Day Uday Express
53. Train No. 76901/76902 Bagalkot - Khajjidoni - Bagalkot Railbus Service
54. Train No. 16319/16320 Kochuveli - Banaswadi - Kochuveli Bi Weekly Humsafar Express
55. Train No. 16541/16542 Yesvantpur - Miraj - Yesvantpur Weekly Express
56. Train No. 16585/16586 Yesvantpur - Mangaluru - Yesvantpur Tri Weekly Express
57. Train No. 06577/06576 Whitefield - Banaswadi - Whitefield 6-Day DEMU special service
58. Train No. 12089/12090 Yesvantpur - Shivamogga Town - Yesvantpur Express 4 Days in Week
59. Train No. 06927/06928 Hubballi - Gangavathi - Hubballi Passenger special
60. Train No. 06921/06922 Yesvantpur - Hazrat Nizamuddin Weekly Express
61. Train No. 22353/22354 Patna - Banaswadi Humsafar Weekly Express
62. Train No. 17303/17304 Hubballi - Gangavati Daily Express



Flagging off New DEMU services between KSR Bengaluru & Ramanagaram by
Shri Suresh Prabhu, Hon'ble Minister of Railways, Shri Siddaramaiah,
Hon'ble Chief Minister of Karnataka, Shri AnanthKumar & Shri Sadananda Gowda,
Hon'ble Union Ministers

**Average No. of New Trains introduced
has increased from 19 per year in 2004-14
to 25 per year in 2014 - 2019**



23 Pairs of Trains Extended

1. Train No. 76525/76526 KSR Bengaluru - Chikballapur - KSR Bengaluru daily passenger extended upto Kolar.
2. Train No. 66533/66534 Marikuppam - Krishnarajapuram - Marikuppam 6-Day MEMU extended upto Baiyyappanahalli.
3. Train No. 66514/66515 Marikuppam - Bangarapet - Marikuppam 6-Day MEMU extended upto Baiyyappanahalli.
4. Train No. 76525/76526 Kolar - KSR Bengaluru City - Kolar 6-Day DEMU extended upto Channapatna
5. Train No. 56216/56215 Mysuru - Shravanabelagola - Mysuru extended upto Yesvantpur (Via Hassan)
6. Train No. 76508/76507 Bangarapet - Bengaluru Cantonment- Bangarpet 6-Day DEMU extended upto KSR Bengaluru City
7. Train No. 12295/12296 KSR Bengaluru City - Pataliputra - KSR Bengaluru City Sangamitra Daily Express extended upto Danapur
8. Train No. 22501/22502 KSR Bengaluru City-Dibrugarh - KSR Bengaluru City Weekly Express extended upto New Tinsukia with New Train No. 15901/15902
9. Train No. 16508/16507 KSR Bengaluru - Bhagat Ki Koti - KSR Bengaluru Bi-weekly Express extended upto Jodhpur
10. Train No. 11303/11304 Kolhapur - Hyderabad - Kolhapur Daily Express extended upto Manuguru
11. Train No. 16571/16572 Yesvantpur - Bidar - Yesvantpur Daily express extended upto Latur for three days with new train No. 16583/16584
12. Train No. 12503/12504 Bengaluru Cantonment - Kamakhya - Bengaluru Cantonment Humsafar Weekly Express Extended to Agartala and increased frequency as Bi-weekly Express
13. Train No. 57477/57478 Tirupati - Kalyanadurga - Tirupati - Daily Passenger Extended to Kadaridevarapalli
14. Train No. 22133/22134 Solapur - Yesvantpur- Solapur Express extended upto Hassan with New Train No. 11311/11312
15. Train No. 16023/16024 Mysuru - Yesvantpur - Mysuru Express extended up to Yelahanka



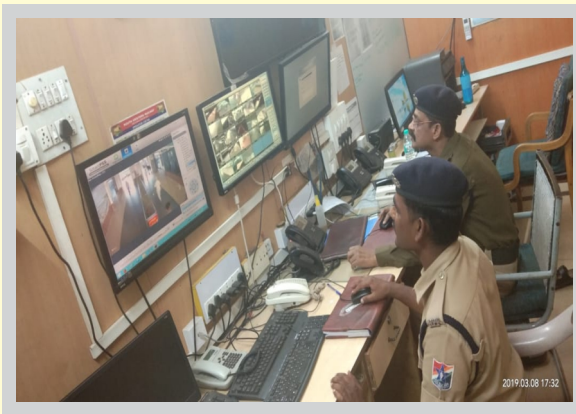
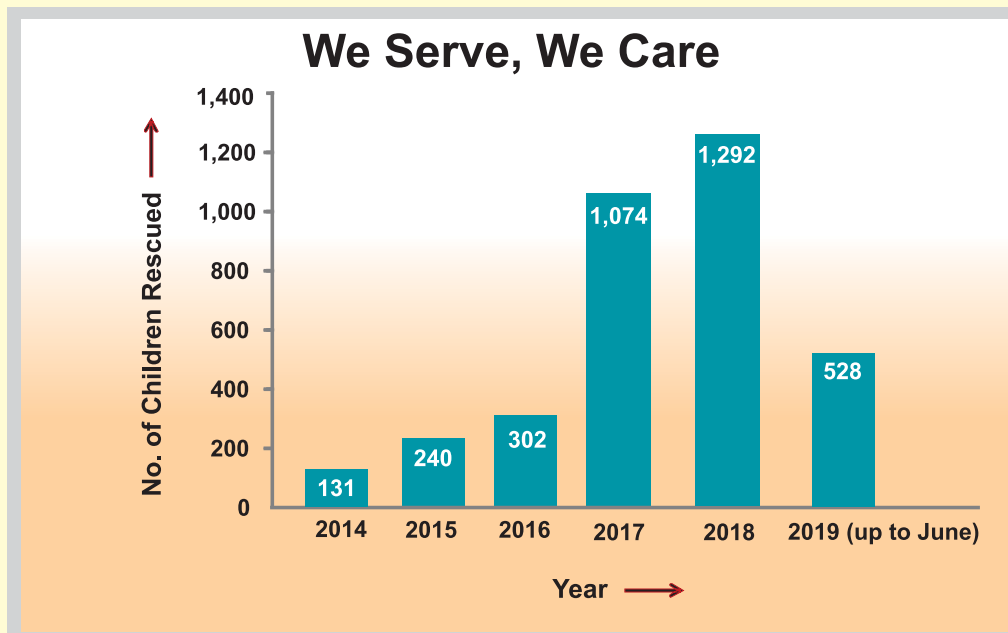
23 Pairs of Trains Extended

16. Train No. 20651/20652 KSR Bengaluru - Shivamogga Town - KSR Bengaluru daily super Fast Express extended upto Talguppa.
17. Train No. 12609/12610 Chennai Central - KSR Bengaluru - Chennai Central Express extended up to Mysuru.
18. Train No. 17325/17326 Hubballi - Mysuru - Hubballi Express extended up to Ashokpuram.
19. Train No. 66539/66540 KSR Bengaluru - Ramanagaram - KSR Bengaluru extended upto Mysuru as 06575/06576 4 days a week special.
20. Train No. 06595/06596 Yesvantpur - Devanahalli - Yesvantpur extended up to Chikballapur.
21. Train No. 12785/12786 Kacheguda - KSR Bengaluru - Kacheguda Express extended up to Mysuru.
22. Train No. 56927/56928 Hubballi - Chikkabennur - Hubballi extended up to Gangavathi.
23. Train No. 22139/22140 Chhatrapathi Shivaji Maharaj Terminals - Solapur Extended upto Gadag with New No. 11139/11140



Passenger Security

- ❖ **CCTV Cameras** installed at all major stations
- ❖ **Integrated Security System** introduced at Bengaluru, Yesvantpur & Mysuru stations
- ❖ **Operation Night Hawk & Operation Shakti** launched to upgrade security in trains
- ❖ **Operation Nanhe Farishte** for rescuing children registered resounding success



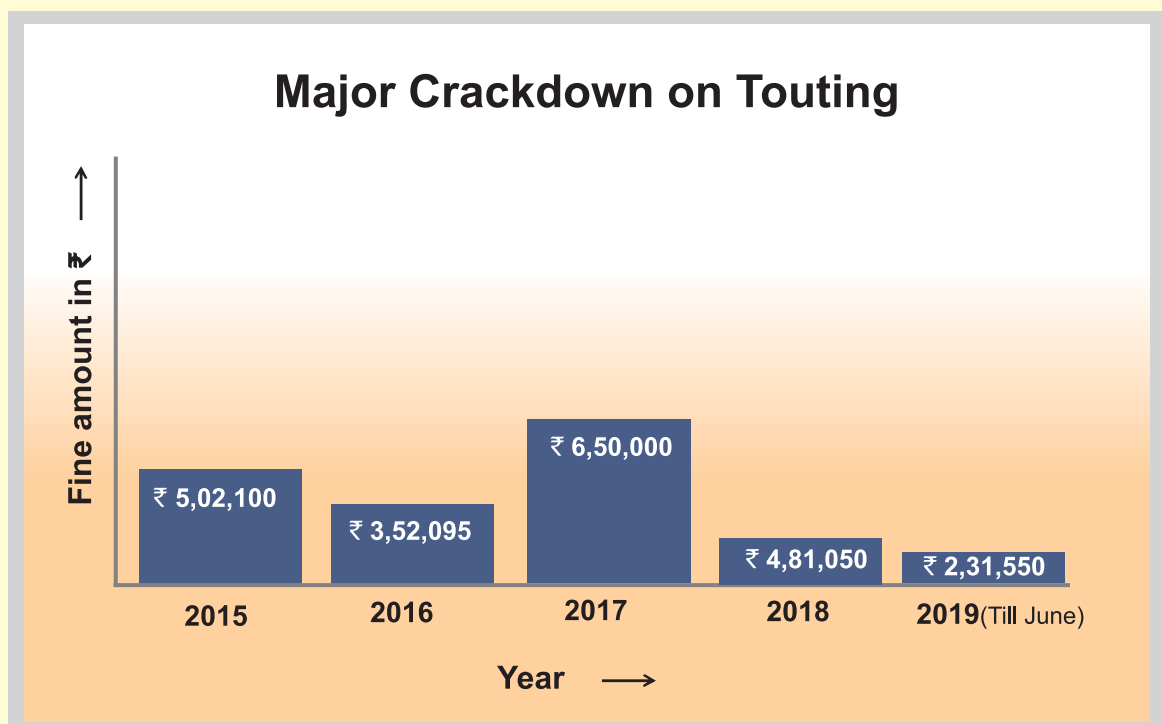


Passenger Security

- ❖ Handing over left behind luggage
- ❖ Articles/Ornaments worth ₹ 82.24 Lakh recovered in 2018 & 2019 (upto Feb)



Railway Security personnel handing over recovered and left over articles to owners





Focus on Stations

New Station Buildings



Shrivani Belagola



Chikajalur



Gangavathi



Holalkere

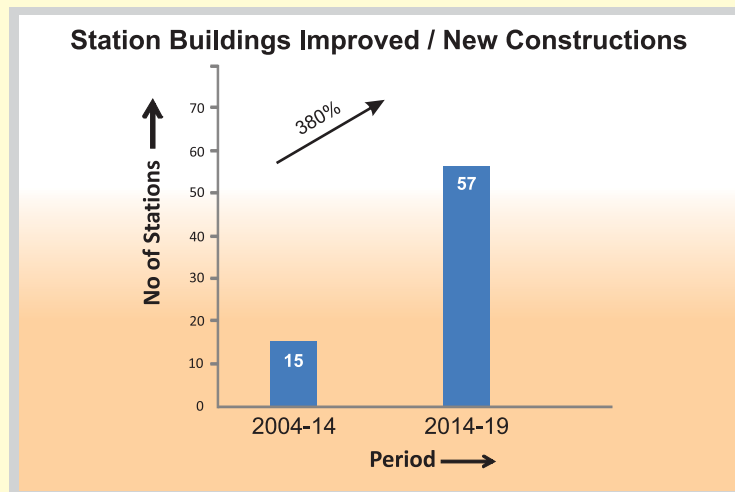


Kunigal



Stations improved / newly constructed

- ❖ in 2014-15 and 2015-16: 4 Stations
- ❖ in 2016-17 : 10 Stations
- ❖ in 2017-18 : 16 Stations
- ❖ in 2018-19 : 27 Stations



- ❖ Yelahanka & Krishnarajapuram (New Station Buildings)
- ❖ Second Entry at KSR Bengaluru & Third Entry at Yesvantpur Station

New Station Buildings



Second entry of KSR Bengaluru Station



Passenger Amenities

₹ 258 Cr. spent for improving passenger amenities in last five years

- ❖ Foot Over Bridges
- ❖ Subways
- ❖ Escalators
- ❖ Platform Extensions

In last 5 years

- ❖ 26 Foot Over Bridges constructed
- ❖ 49 Foot Over Bridges planned for construction
- ❖ 2 Subways made at Mysuru and Hubballi
- ❖ 14 Escalators provided

Platform improvements

- ❖ Completed in 50 stations
- ❖ 81 Stations planed for construction of High Level Platform

Foot Over Bridges, Subways, Escalators and Platforms etc. are being treated now as Safety items with unlimited budget



Escalator at Yesvantpur



Lift at Mysuru



Platform Shelter at Gadag

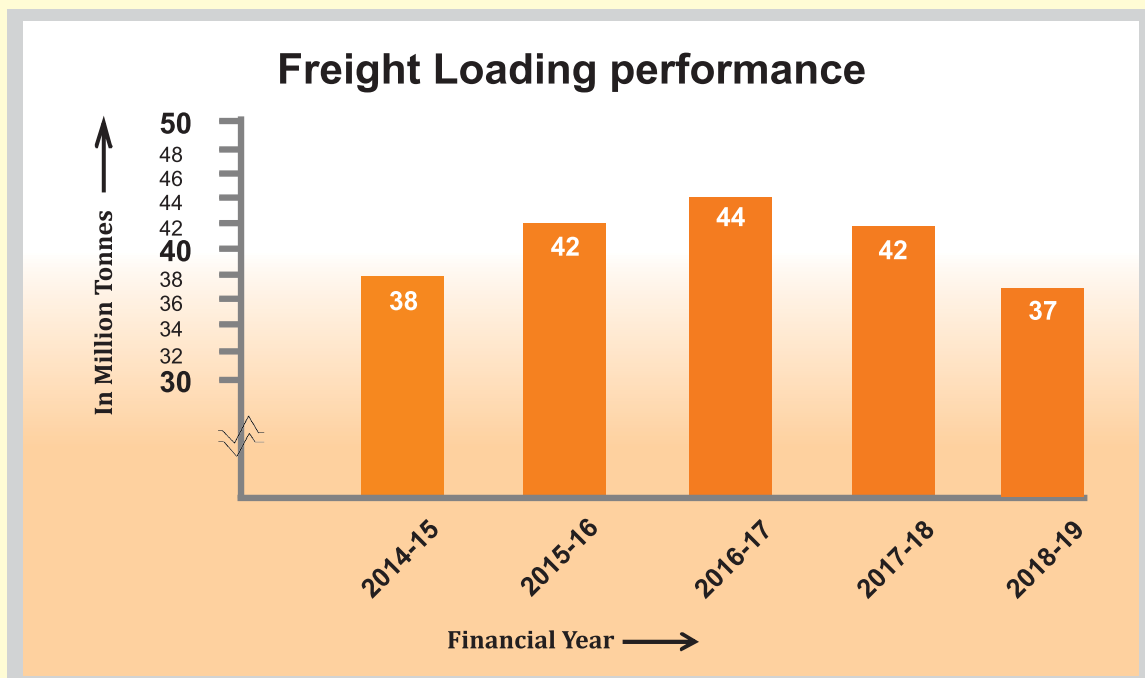


Foot Over Bridge at Alnavar Station



Moving Karnataka's Economy: Freight

- ❖ 5 private sidings commissioned in the last 5 years
- ❖ 22 new stations opened for handling goods traffic
- ❖ Kudgi new crossing station commissioned with connecting to NTPC
- ❖ Liberalized wagon scheme and long term traffic contract implemented





Digital India



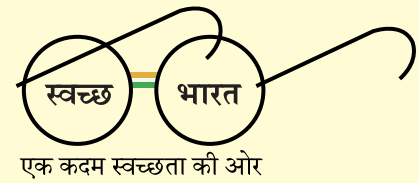
- ❖ Fast & Free Wi-Fi
 - ❖ High speed network access already provided at 153 stations
 - Wi-fi Installation at 125 stations targeted in 2019-20
- ❖ Point of Sale Machines for Digital transactions
 - ❖ Cashless transactions can be made through BHIM, RuPay, debit cards, e-wallets etc. at many ticket counters
 - ❖ 36 travelling ticket examiner provided with Handheld terminals



* Photo for representation purpose only.



Swachh Bharat



Inspired by Swachh Bharat, we have launched Swachh Rail

- ❖ On Board Housekeeping Services on 48 pairs of trains
- ❖ Mechanised Cleaning of Coaches and important Stations
- ❖ Mechanised Washing of linen



New 10 Tonne Mechanised laundry at Bengaluru



Green Initiatives

Article of Faith for Railways



**55% Energy requirement for Rail Soudha
is met by Solar Energy**

- ❖ **Harnessing solar energy**
 - ❖ Total 4605 KWP capacity roof top solar panel provided
- ❖ **Solar panels provided at 11 stations**
and 170 level crossing gates
- ❖ **LED fittings for energy conservation**
 - ❖ Provided at all stations
- ❖ **Tree plantation**
 - ❖ 8.86 Lakh tree saplings planted in last 5 years



**Solar Panels on
Roof top of Mysuru
Railway Station**

Road Ahead





Road Ahead

Important on going works of New Railway lines

Sl No.	Section	KM in Karnataka	Cost in Rs. Cr.
1.	Gadag-Wadi	257	2842
2.	Bagalkot-Kudachi	142	986
3.	Munirabad (Ginigera)-Raichur	165	1351
4.	Tumakuru - Rayadurga	113	1714
5.	Tumakuru - Chitradurga-Davanagere	200	1801
6.	Gadag - Yelvigi	58	675

Important On going Doubling Work

Sl No.	Section	KM in Karnataka	Cost in Rs. Cr.
1.	Hospet - Hubli - Vasco da gama	263	2127
2.	Hotgi - Gadag	284	1960
3.	Yelhanka - Penukonda	120	988
4.	Hubballi-Chikjajur	190	1930
5.	Arsikere-Tumakuru	96	965
6.	Yesvantpur-Hebbal-Channasandra	22	170
7.	Baiyyappanahalli-Hosur	48	376
8.	Penukonda - Dharmavaram	186	1191
9.	KSR Bengaluru - Whitefield (Quadrupling)	23	493

New Lines Sanctioned Recently

10.	Gadag-Yalvigi	56	640
11.	Shivamogga - Shikaripura- Ranibennur	89	956
12.	Mysuru - Kushalnagar	87	1854
13.	Chickballapur - Gauribidanur	89	956
14.	Shivamogga - Shikaripura- Ranibennur	89	956
15.	Tumakuru - Davangere (Via Chitradurga)	170	493

15 Doubling Projects of total 1350 Kms at the cost of Rs. 11188 Cr sanctioned in last Five years



Road Ahead

Important On going Electrification Work

Sl No.	Section	KM in Karnataka	Cost in Rs. Cr.
1.	Hospet - Hubli - Vasco da gama	346	465

Electrification works sanctioned from 2014


Sl No.	Section	KM in Karnataka	Cost in Rs. Cr.
1.	Bengaluru-Hubballi	456	560
2.	Gadag-Hotgi	284	340
3.	Chikjajur-Ballari	186	159
4.	Bengaluru-Omalur	196	152
5.	Hospet-Swamihalli	59	62
6.	Birur-Talguppa	161	152
7.	Mysuru-Hassan-Mangaluru	347	316
8.	Mysuru-Chamarajnagar	61	57
9.	Hassan-Chikbanavar	166	155
10.	Yalahanka-Bangarapet	149	138
11.	Kaduru-Chikkamagaluru	46	40
12.	Londa - Miraj	188	190

Almost all routes in Karnataka sanctioned for
Electrification from 2014




Road Ahead

#Budget2018-19



New Railway - New India Suburban for Bengaluru - IT Capital of India

Name of Project	Length (Km)	Cost (Rs. Cr)
Bengaluru Suburban- Construction of elevated/at grade corridors	160	17,000
Detailed Project Report Prepared		



Benefits of Sub-Urban network

- ❖ Reduce congestion & Pollution
- ❖ Save travel time of lakhs of commuters



Road Ahead



Fully Double Line Track on all important Routes

Totally Electrified Network

New Range of Train Services

Modern Station Buildings with State of the Art
Passenger Amenities



