

Undertakings and other Organisations

As many as 16 Public Sector Undertakings and other Organisations are functioning under the Ministry of Railways, as detailed below:

S. No.	Name	Year of Incorporation/ Inception	Core competence
1	RITES	1974	To design, establish, provide, operate, maintain and perform engineering, technical and consultancy services for development of projects/systems of all types and descriptions pertaining to Railways and other Sectors/Industries in India and outside India.
2	IRCON	1976	To undertake construction activities in India and abroad on turnkey basis or otherwise in various fields of infrastructure like Railways, Bridges, Roads, Highways, Industrial and Residential Complexes, Airports, etc.
3	CRIS	1986	To provide consultancy and IT services to IR as partners to conceptualize and realize technology initiatives, to build new products or services and to implement prudent business and technology strategies.
4	IRFC	1986	To raise funds from the market to part finance the Plan Outlay of IR.
5	CONCOR	1988	To develop multi-modal logistics support for India's international and domestic containerized cargo and trade.
6	KRCL	1990	To construct and operate railway lines, construct Road Over Bridges and rail line projects.
7	RCIL (RailTel)	2000	To utilize the surplus telecom capacity and right of way available with the IR to build nationwide optical fibre cable based broadband telecom and multimedia network.
8	IRCTC	2001	To undertake catering and tourism activities of the Railways. Also facilitates internet ticketing through its website.
9	PRCL	2001	To execute the Surendranagar-Rajula-Pipavav Port gauge conversion and new line projects in Gujarat.
10	RVNL	2003	To create and augment the capacity of rail infrastructure. To mobilize resources mainly through multilateral/bilateral funding agencies and also through domestic market for successful implementation of projects.
11	RLDA	2005	To develop vacant railway land for commercial use for the purpose of generating revenue by non-tariff measures for IR.

12	DFCCIL	2006	To plan and construct Dedicated Rail Freight Corridors (DFCs) for movement of freight trains on the corridors.
13	MRVC	1999	To plan & implement rail projects in the Mumbai Metropolitan Region.
14	BWEL	1978 (In MOR from 2008)	To manufacture Wagons and undertake structural fabrication jobs.
15	BSCL	1976 (In MOR from 2010)	To manufacture Railway Rolling Stock.
16	BCL	1976 (In MOR from 2010)	To manufacture Wagons, undertake structural fabrication jobs and manufacturing, retrofitting of EOT crane.

RAIL INDIA TECHNICAL AND ECONOMIC SERVICES LIMITED (RITES):

Rail India Technical and Economic Services Ltd. (RITES), is internationally reputed engineering, design and project management consultancy organization providing single roof services to wide range of infrastructure and transport sectors like Railways, Highways, Ports, Airports, Waterways, Ropeways, Urban Transport, Urban Planning, Container Depots, International Buildings, Power Transmission and Rural Electrification, etc. It is registered with World Bank, African Development Bank, Asian Development Bank and other multilateral funding agencies and have provided services in over 60 countries in Africa, Asia, Middle East, Central & Latin America.

RITES, with recognition from multi-lateral funding agencies, has experience in over 55 countries in Africa, Middle East, Latin America, South East Asia, UK, USA and Europe and is recognized by multi-lateral funding agencies.

Business Operations:

Some of the important assignments undertaken in the recent past are:

Overseas:

- Development of 2300 HP and 3000 HP Cape Gauge locomotives for export and design of bottom discharge covered hopper wagons for carrying fly-ash and clinker.
- Sri Lankan Railway projects for supply of 20 sets of DMUs, setting up of DMU maintenance facilities.

- Supply of 3 locomotives & training of 600 personnel, supply of 20 in-service MG locomotives & passenger coaches, wagons, mobile cranes, workshop machinery & equipment to Myanmar Railways.
- Loco leasing contract with CFM (South), Maputo Mozambique for 6 Cape Gauge locos.
- Maintenance of 6 Cape Gauge locomotives at CDN/ Nacala, Mozambique.
- Feasibility study for Mayumba new standard Gauge Railway line in Gabon – Government of Gabon.
- Feasibility study for rail line from Moatize to Matundo & connections at Beira port, Mozambique – JSPL Mozambique Minerals Ltd.

In India:

- Construction management for railway infrastructure to handle coal & fuel oil traffic of Raghunathpur TPS – Damodar Valley Corporation.
- General consultancy for Bangalore Metro.
- Safety consultancy for PPP (Public Private Partnership) project – National Highway Authority of India.
- Development of Multi-disciplinary training centre at Cooch Behar, Kharagpur, Beliaghata and Malda.
- Quality control works of Goa, Public Works Department.
- Offering shunting locomotives on wet lease including operation & maintenance.
- Enhancement of LHB coach production facilities at Rail Coach Factory, Kapurthala.
- Development, operation & maintenance of Multi Functional Complexes (MFCs) at/in the vicinity of identified or prescribed premises of Railway stations, etc.
- Has formed a joint venture company with Steel Authority of India Limited for manufacture of wagons for IR.

Financial Performance:

The comparative financial performance of RITES during the last 2 years, is as follows:

	2009-10	(₹ in crore) 2010-11
Total turnover	623	881
Net Profit	112	244

IRCON INTERNATIONAL LTD. (IRCON):

Ircon International Ltd. (IRCON), a 'Mini-Ratna' category and a Scheduled 'A' Company with ISO-9000 certification was incorporated as a railway construction Company in 1976. The Company has diversified its activities to other sectors of infrastructure outside the Railways, viz., highways, roads, ports, housing, signal & telecommunications, electrification, etc. and bagged many projects through competitive bidding, earning foreign exchange for the country.

The Company has rich and varied experience of executing more than 400 landmark construction projects in India and abroad. Presently, IRCON is executing several nation building projects including 340 kms Jammu & Kashmir rail link project - the biggest broad gauge railway line construction project ever undertaken in the high mountain region of India, a new broad gauge railway line from Sivok in North Bengal to Rangpo in Sikkim to provide rail connectivity to Sikkim State and rail-cum-road bridge on river Ganga in Patna. In Malaysia, the Company is executing an electrified double track railway line costing more than one billion USD.

Financial Performance:

IRCON has declared a profit of ₹401 crore during 2010-11. Its financial performance during the last two years is as follows:

	2009-10	(₹ in crore) 2010-11
Total income/Gross sales	3,216.91	3,254.15
Operating income	3,152.88	3,175.33
Profit before tax	264.01	401.25
Profit after tax	182.10	240.51
Gross margin	305.28	440.31
Net worth	1,199.36	1,382.31



Construction work of Senewang Railway Station at Malaysia undertaken by IRCON.

CENTRE FOR RAILWAY INFORMATION SYSTEMS (CRIS):

The progress of computerization of various railway projects undertaken by Centre for Railway Information Systems (CRIS) is outlined below:

National Train Enquiry System (NTES):

It aims at providing prompt and reliable information to general public through user friendly interfaces and PAN India accessibility. The information is now conveniently available to public all over the country through various delivery channels like web browsing, mobile phone, etc. NTES was given National e-Governance Silver Award on 9.2.2011.

Terminal Management System (TMS):

TMS generates on line Railway Receipts and has been deployed at 631 field locations during 2010-11. Total deployment of TMS at 2,000 locations captures about 99% of goods traffic. During the year, an amount of ₹33,342 crore of freight payment was realized through e-payment which accounts for 58% of total freight collected.

Passenger Reservation Services (PRS):

Countrywide Network of Computerized Enhancement Reservation and Ticketing (CONCERT) has been installed at more than 2,355 locations having 8,277 terminals for reserved segment of ticket bookings. IR's website www.indianrail.gov.in facilitates internet-based rail reservation related enquiries. IR Web Portals are operational for Complaint Management, Cloak Room and Retiring Room applications at selected stations.

Unreserved Ticketing Services (UTS):

UTS has been made functional at 4,906 locations with 8,880 terminals as on 31st May, 2011. A total of 664.66 crore passengers were served, resulting in total earnings of ₹10,838.47 crore during 2010-11, as compared to 587.79 crore passengers and ₹959.31 crore earnings in 2009-10.

Integrated Coach Management System (ICMS):

Mobile version of ICMS for monitoring punctuality of trains, has been released as trial version.

Control Office Application (COA):

COA has gone live in all the 77 Divisions/Area Control Offices of IR. Integration between COA and FOIS, adjoining COA, NTES and ICMS has been completed in all 68 Divisions of IR.

Track Management System (TMS):

TMS was introduced in the works programme 2008-09 as a pilot project and has been implemented in 6 divisions in 2010. It has won 'The Great Mind Challenge for Business Awards, 2010' as most innovative solution under Lotus Category.

Crew Management System (CMS):

CMS manages around 90,000 crew online at 317 crew lobbies. Approximately, 36,300 calls were served daily by the system and bio-data in CMS database has crossed 1,03,650 in March, 2011.

Parcel Management System (PMS):

6,81,136 Parcel Way Bills (PWBs) and 54,15,475 packages were issued through the PMS during 2010-11 earning revenue to the tune of ₹56.24 crore.

E-Procurement System (EPS):

EPS has been implemented to improve efficiency and transparency in materials purchases thus reducing the cost of material/purchase due to savings in logistics and transaction cost. More than 1.9 lakh tenders have been uploaded so far.

INDIAN RAILWAY FINANCE CORPORATION LIMITED (IRFC):

Indian Railway Finance Corporation Limited (IRFC) was set up as a public limited company in December 1986 with the sole objective of raising money from the market to part finance the Plan outlay for meeting the developmental needs of IR. Funds are raised through issuance of bonds, term loans from banks/financial institutions and availing external commercial borrowing/export credit. The Department of Public Enterprises has rated IRFC as 'Excellent' on 12 occasions in the last 13 years. The Company maintained the highest credit ratings from

three domestic Credit Rating Agencies indicating highest safety of the lenders' funds and investment grade ratings equivalent to the rating of Indian 'sovereign' from four major international Credit Rating Agencies.

The Company has leased rolling stock assets worth ₹69,843 crore to the Ministry of Railways (MoR) up to March 31, 2011. Ministry of Railways has been making lease payments to IRFC regularly in respect of about 60% of the rolling stock assets which include 5,567 locomotives, 33,856 coaches and 1,49,030 wagons. The lease rentals form just about 5.94% of the Railways' Gross Traffic Receipts. The Company has also provided funding assistance to sister railway companies to the extent of ₹2,394 crore till the end of 2010-11.

IRFC has a consistent profit earning track record. It has so far paid ₹1,568 crore as dividend to its shareholders, the Government. The Company earned a net profit of ₹485.20 crore during 2010-11. The Overhead to Turnover ratio of the Company is 0.12%.

CONTAINER CORPORATION OF INDIA LTD. (CONCOR):

Container Corporation of India Ltd. (CONCOR) was set up in November 1989 with the prime objective of developing multi-modal transport and logistics support for India's domestic and international containerized cargo and trade.

CONCOR's core business is characterized by three distinct activities – carrier, terminal operator and warehouse/CFS operator. CONCOR derives its strength mainly from a dedicated network of terminals at multiple locations. During 2010-11, CONCOR handled over 2.5 million Twenty feet Equivalent Units (TEUs).

CONCOR paid a total dividend of ₹201.48 crore on its paid up capital for the year 2010-11.

Financial highlights:

The financial performance of CONCOR in the last two years is as follows:

	2009-10	2010-11
Turnover (₹ in crore)	*3,705.68	3,828.12
Net Profit as % of Turnover	*21.23	22.88
EPS (in ₹)	60.52	67.39
*revised		

KONKAN RAILWAY CORPORATION LIMITED (KRCL):

Konkan Railway, the first Railway project in the country executed on BOT (Build, Operate and Transfer) principle, was formed with equity participation of Government of India along with the four States viz., Maharashtra, Goa, Karnataka and Kerala. It has reduced the journey time from Mumbai to Mangalore by almost 26 hours.

Konkan Railway has completed 12 years of operation of RO-RO (Roll On - Roll Off) truck-on-train service proving that Railways and Roadways can co-exist in a symbiotic relationship apart from saving the diesel to the tune of about 35 lakh litres in a year.

KRCL has been assigned the implementation of Anti-Collision Device (ACD) project on Southern, South Central and South Western Railways after the successful commissioning of a pilot project on Northeast Frontier Railway. ACD can prevent mid-section head-on collisions, side collisions and rear-end collisions of trains in addition to having many other safety features.

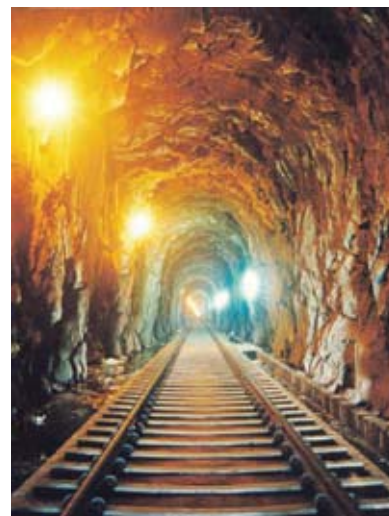
'Shravan Seva', free-of-cost service, introduced by KRCL for helping the senior citizens traveling alone can be availed by sending SMS on mobile No.09664044456, four hours in advance of journey. The service is available at Chiplun, Ratnagiri, Thivim, Karmali and Madgaon.

Financial performance:

During 2010-11, KRCL's total earnings were ₹924.43 crore including ₹297.45 crore of freight earnings. The Corporation earned profit-before-tax of ₹2.84 crore, an operating surplus of ₹227.40 crore and an operating ratio of 81.35%.

RAILTAIL CORPORATION OF INDIA LTD. (RailTel):

The Railtel Corporation of India Limited (RailTel) was incorporated in the year 2000 for modernization of IR's



A view of Karbude Tunnel, Konkan Railway.



A view of Panval Viaduct, Konkan Railway.



Roll on - Roll off (RO-RO) services, Konkan Railway.

communication network for safe and efficient train operation and for revenue generation through commercial exploitation of network. It has now emerged as a national level operator in the telecom sector by using Railways' right of way on about 63,000 route kilometers for creation of Optic Fibre Cable (OFC) network.

RailTel has modernized train control and emergency communication system of IR by providing OFC network along the railway track and high bandwidth Point of Presence (PoP) at more than 3,918 stations. It has also connected railways' electronics telephone exchanges at E1 level to provide seamless railway STD services. The long haul network coverage for STM 16 is 28,362 route kms. with multiple rings on common section of 27,255 route kms. During the year the utilization of RailTel's network has increased considerably.

RailTel is the lead creator of National Knowledge network – a project of national importance through which a number of Research and Development institutions of Government of India have been connected. RailTel has also undertaken the project of laying Optical fibre in 6 States of North East for creation of intra/inter district network connecting all District and Sub-District Head Quarters in the respective States.

RailTel's operating income was ₹363.07 crore during 2010-11 resulting in a net profit of ₹95.41 crore.

INDIAN RAILWAY CATERING AND TOURISM CORPORATION LTD. (IRCTC):

Catering Services:

Pursuant to the implementation of New Catering Policy, 2010, most of Licensee Catering Units have been transferred to the Railways. However, as of now, the Departmental Catering is continuing with IRCTC. It is providing catering in all newly introduced Duronto trains and also cafeteria facilities to many institutes and Ministries. Presently IRCTC is managing 1,271 Book Stalls at various railway stations and running 4 hotels/Yatri Niwas on Public Private Partnership basis. The Company has obtained ISO Certification for its manufacturing facilities such as base kitchen and for departmental managed trains.

Travel and Tourism:

There has been tremendous growth in e-ticketing through IRCTC's internet ticketing service website www.irctc.co.in.

During the year IRCTC sold 9.69 crore e-tickets as against 7.20 crore during 2009-10 valued at ₹8,007 crore in 2010-11 as against ₹6,011 crore in 2009-10. The booking of railway tickets through internet is now available from 00:30 hrs to 23:30 hrs 365 days a year.

IRCTC manages the enquiry services of IR known as 'Rail Sampark 139' (Integrated Train Enquiry System) under Public Private Partnership. In 2010-11, 24.68 crore voice calls and 2.61 crore SMS were handled.

IRCTC offers a wide range of travel and tourism products and services like Bharat Darshan Tourist Trains (Village On Wheels), Bharat Tirath Trains, Educational Tours, Mahaparinirvan Express – Buddhist Circuit Special Train, Rail and Land Tour Packages, Chartered Trains and Coaches, Hill Charters, Luxury Tourist Train, Cab Rental Services, On-line Hotel Booking Services and Budget Hotels to meet the requirement of different segment of tourists. Travel and tourism business generated an income of ₹67.57 crore in the year 2010-11 as compared to ₹44.72 crore in the previous year, thus recording a growth of 50%.

IRCTC also ventured into the field of Corporate travel in 2010-11. It is offering complete travel services to Corporates which include air ticketing, booking of domestic as well as international hotels, cab rentals, passport and visa facilitation, insurance & forex. IRCTC tourism portal www.railtourismindia.com is a one stop travel shop.

Packaged Drinking Water Project (Railneer):

During the year, two plants manufacturing Rail Neer Packaged drinking water, at Delhi and Danapur (Bihar), produced 3.28 crore and 3.12 crore bottles respectively. One more packaged drinking water plant with installed capacity of 1.8 lakh bottles per day became operational at Chennai in July, 2011.

Commonwealth Games (CWG) Delhi, 2010:

IRCTC was appointed as the official ticketing agency for the XIX Commonwealth Games (CWG) Delhi, 2010. It successfully handled the ticketing operations for the event for a total seating inventory of 1.4 million seats for 290 sporting sessions in 17 sports.



Rajaj Club – Maharaja Express.



Deluxe Twin Bedroom – Maharaja Express.



Regal – Maharaja Express.



A view of Taj Commonwealth Games Express train running between New Delhi and Agra.

Financial Performance:

During the year, IRCTC earned a total income of ₹764.93 crore as compared to ₹721.97 crore in 2009-10. A net profit of ₹60.79 crore was earned during 2010-11 as against ₹63.05 crore in 2009-10. During the year, the Corporation contributed a sum of ₹55.59 crore to the revenues of IR, in the form of haulage charges, concession fee, user charges and dividend.

Awards/Recognition:

In recognition of the excellent performance of the Corporation in various fields, the following awards have been conferred on IRCTC during the year:

1. The 3rd DSIJ PSU Award 2011, for being fastest growing non-manufacturing companies with balance sheet size less than ₹4,000 crore. The Company was awarded 'Speed King (Miniratna)' in April, 2011.
2. The SKOCH's – The World Open Award for Integrated Train Enquiry System (ITES) from the Controller of Certifying Authority, Government of India in October, 2010.
3. The India Pride Award – Gold for Internet Ticketing in September, 2010.
4. GMR Travel World Award 2010 for 'Excellence in Operations' for the Bharat Darshan Train in July, 2011.

PIPAVAV RAILWAY CORPORATION LIMITED (PRCL):

Pipavav Railway Corporation Limited (PRCL), a joint venture company of Ministry of Railways and Gujarat Pipavav Port Limited (GRPL) with equal equity participation was formed to execute the Surendranagar-Rajula-Pipavav Port (APM Terminals, Pipavav) gauge conversion & new line project. PRCL is the first railway infrastructure project executed through private sector participation. PRCL has concessionaire rights to construct, operate and maintain this project line for 33 years. PRCL is entitled to the rights, obligations and duties of a Railway Administration enumerated in the Railways Act, 1989 and has rights to give volume discounts on transportation of cargo.

PRCL has permission to run container trains on rail

corridors serving the Ports of Pipavav, Mundra, Chennai, Ennore, Vizag and Kochi and their hinterlands. The Company started its container operations on 20th August, 2009 from Asaoti Railway Station to Morbi in Gujarat. During 2010-11, PRCL handled 3,310 trains including 2,018 container trains and transported 4.37 million tonnes of cargo. The total apportioned earnings were ₹89.56 crore from freight operations during 2010-11. 12 pairs of passenger trains are running on different sections of Pipavav Railway.



Railway bridge connecting Idapalli and Vallarpadam, RVNL.

RAIL VIKAS NIGAM LIMITED (RVNL):

Rail Vikas Nigam Limited (RVNL), a Special Purpose Vehicle (SPV) under the Ministry of Railways was incorporated in the year 2003 to raise non-budgetary resources for rail capacity projects and to implement them on a fast track basis.

During 2010-11, RVNL has achieved the construction of 240 kms. of doubling, 62 kms. of gauge conversion, 159 kms. of railway electrification and 9 kms. of new line, making a total of 470 kms. Upto 31.3.2011, RVNL completed 23 projects covering 194 kms. of new lines, 1,579 kms. of gauge conversion and 662 kms. of doubling and 1,335 kms. of railway electrification, making a total of 3,770 kms.

RVNL is executing the construction of 15 kms. of rail connectivity to Vizhinjam International Sea Port Limited, Kerala, as a deposit work. Out of 7 Asian Development Bank funded projects (Phase-I), 2 have been commissioned.

During the year 2010-11, turnover was ₹1,444.65 crore, profit after tax ₹61.09 crore and surplus at the end of the year 2011 stands at ₹151.50 crore.

RAIL LAND DEVELOPMENT AUTHORITY (RLDA):

Rail Land Development Authority (RLDA) was set up in 2005 through an amendment of the Indian Railways Act 1989 for development of vacant railway land for commercial use for the purpose of generating revenue by non-tariff measures for IR.

Railway land sites, not required for operational purposes for future expansion, are identified by Zonal Railways and entrusted to RLDA for commercial development. The Authority initially engage a consultant to ascertain the suitability and potential for commercial development of the site and thereafter



Launching of Griders at the Railway bridge connecting Idapalli and Vallarpadam, RVNL.

based on the feasibility report, identify a suitable development model for its commercial development through an open and transparent bidding process to generate maximum revenue for the Railways.

During 2010-11, letter of award for commercial site at Gaya, Vijayawada and Delhi Sarai Rohilla were issued and a lease premium of about ₹380 crore was received. During the year, market study for 35 sites has been taken up. RLDA has been assigned the responsibility of developing Multi-Functional Complexes (MFCs) to provide multiple facilities like shopping, food stalls/restaurants, book stalls, PCO booths, ATMs, Medicine and variety store, parking spaces and other similar amenities to rail users at Railway Stations. 47 MFCs are being developed through Railway PSUs while 127 MFCs are proposed to be developed by RLDA through private developers.

DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (DFCCIL):

Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL), a special purpose vehicle was created to undertake planning and development, mobilization of financial resources, construction, maintenance and operation of Dedicated Freight Corridor. DFCCIL was registered as a Company under the Company's Act 1956 on 30th October, 2006.

DFCCIL, one of the largest ever infrastructure projects being undertaken by the Railways since Independence, will grossly reduce the travel time of freight trains and will bring down the unit cost of transportation by segregating freight and passenger trains. Freight corridor envisages long haul operation with trailing loads to increase from 5,000 to 15,000 and carrying capacity to 400 against existing 90 containers.

The construction work has already started on Eastern and Western Corridors from April, 2009 over a length of about 300 kms. The approved network was 3,300 routes kms. with Eastern Corridor (about 1,839 kms.) from Ludhiana to Dankuni and Western Corridor (about 1,534 kms.) from Jawahar Lal Nehru Port to Tughlakabad/Dadri along with interlinking of two corridors at Dadri. The Eastern and Western Corridors pass through 9 States, 60 districts and 2,500 villages.

DFCCIL has engaged M/s RITES to carry out feasibility study for the following four additional corridors:-

1. East-West Corridor (Kolkata - Mumbai) of approximately 2,000 kms.
2. North-South Corridor (Delhi-Chennai) of approximately 2,173 kms.
3. East Coast Corridor (Kharagpur-Vijayawada) of approximately 1,100 kms. and
4. Southern Corridor (Chennai-Goa) of approximately 890 kms.