# **RELIANCE**







# Reliance Infrastructure Ltd. Investor Presentation









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### The Reliance Group - A premier business Group of India...

#### **Reli** By The Numbers

Million Shareholders 8

200 **Million Customers** 

100,000 Skilled workforce

~USD 41 bn **Assets in USD** 

~US\$ 15 bn **Net worth in USD** 

~ US\$ 9 bn **Revenues in USD** 

**Operating Profit in USD** ~ US\$ 2 bn

1 USD = Rs 64

#### **Overview**

- Group is amongst India's leading business houses
- Reaching 1 out of 6 Indians every single day
- Amongst the largest shareholders n the world
- Group has leadership positions across businesses:
  - ► Infrastructure
- ► Financial services
- ▶ Power
- Communications

#### **Key FII Investors in Group Companies**

















# Reliance Group – Key Businesses ReLIANCE





- Asset Management
- Life Insurance
- General Insurance
- Commercial Finance
- Broking & Distribution

#### Infrastructure



#### **Power Sector**

- Distribution
- Generation
- Transmission

#### **Urban Transport**

- Road
- Metro
- Airports

#### **Cement**

**EPC Services** 

**Defence** 

#### **Power**



#### **Power Generation**

#### **Thermal**

- Coal
- Gas

#### Renewable

- Hydro
- Solar
- Wind

#### Resources

#### **Coal Mining**

- India
- Indonesia

**Coal Bed methane** 

#### Communication

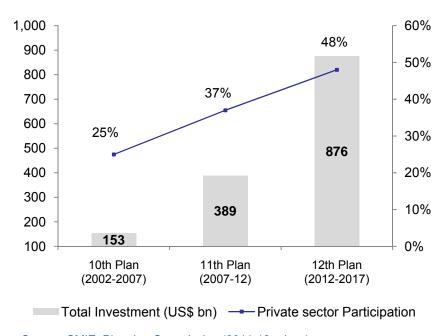


- Wireless
- Enterprise
- Telecom Infrastructure
- Direct to Home
- Worlds largest submarine cable network

Reliance has played a key role in nation building with strong presence in core sectors

# Infrastructure in India – US\$ 1 Trillion Opportunity

### Investment across infrastructure sectors expected to increase significantly



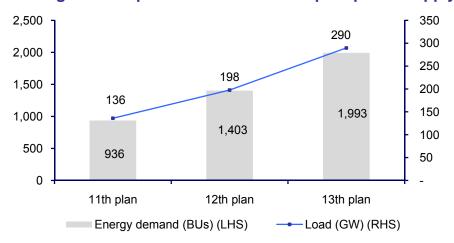
Source: CMIE, Planning Commission (2011-12 prices)

- Infrastructure development set to accelerate with Government impetus to revive economy
- Strong private participation along with Government initiatives to boost infrastructure development
- ~75% of investments expected in Power, Roads, Telecom and Railways
- ~50% of investments expected from private sector
- Investments during 2007-12 expected to be 2.3x in next 5 years

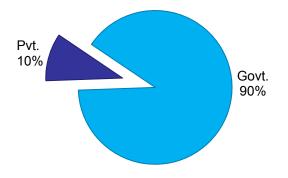
RInfra is present in sectors to have ~60% of infra spend during 2012-17

### **Power Sector – Priority Sector for the Government**

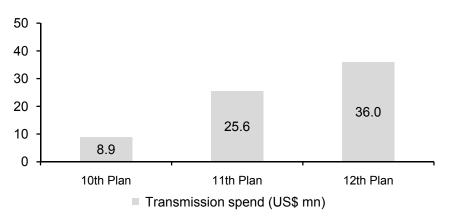
Strong demand push for 24x7 uninterrupted power supply



Distribution - Total pie of 900 bn units growing @ 5%



Huge investments planned in power transmission sector



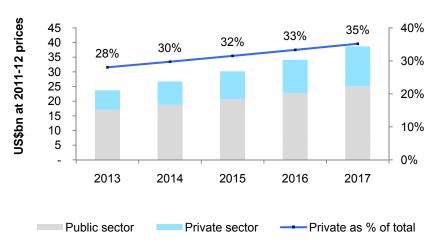
- Installed power capacity at ~270 GW with >108 GW capacity addition in last 10 years
- ₹ 15,000 bn investments planned to achieve 88.5 GW capacity additions during 2012-17
- 55% of investments expected from private sector
- Govt. initiatives wrt Coal block auction and gas pooling framework should revive the sector

Source: 18th Electric Power survey ,CEA, Planning Commission - Working group on Coal, Planning Commission, Ministry of Power

RInfra is one of the largest integrated private sector power companies

# Road Sector – Key Driver for Capex Revival Cycle

#### **Increasing private sector participation**



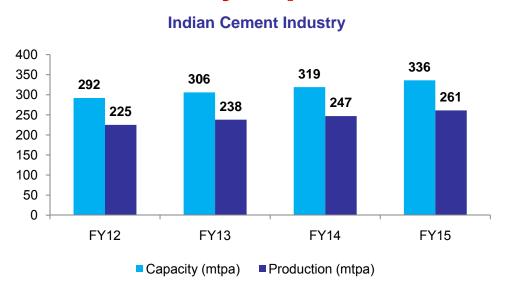
Source: NHAI, Interim Report of the High Level Committee, Financing of Infrastructure (Aug 2012)

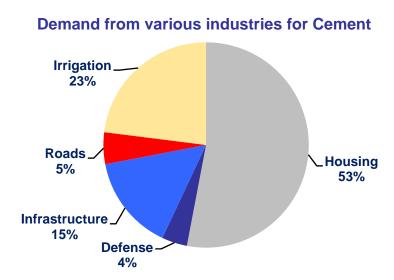
- Road to be a key beneficiary of Government focus on reviving investment activity
- Government has planned ₹ 9,100 bn investment in Road sector during 2012-17
- NHAI plans to award 15,000 kms of road projects worth ₹ 1,500 bn over next 2 years
- ~32% of the total planned outlay in the sector is expected from the private players

Govt. allocated ₹ 280 bn to NHAI via increased in cess on petrol & diesel and premium collection Ministry of Finance is targeting issuing tax free bonds to NHAI worth ~₹ 300 bn for road sector

RInfra is amongst the top 3 private players in the Road sector

# Cement – Key Input for infrastructure sector





- Infrastructure and housing sectors will be the immediate drivers leading to cement demand
- Concreting of roads will be a mega opportunity for the cement sector
- Government endeavour of "Housing for all by 2022" should be another booster for the sector
- Setting up Dedicated Freight Corridor, Smart Cities should also lead to cement demand

Government strong focus on reviving cement demand

# **EPC – Growth Driver for Infrastructure Development**

Fund allocation during 2012-17 in following sectors will create opportunities for private players:

Power : ₹ 15,000 bn

• Roads : ₹ 9,100 bn

• Rail : ₹ 6,400 bn

• Ports : ₹ 2,000 bn

- Almost 40% 50% of investments could be through EPC route
- Development of 15,000 km gas pipeline through EPC route
- India is largest PPP market in the world with over 900 projects in various stages of development

RInfra to benefit due to it's leadership position in EPC

# 100 Smart Cities – A Significant Growth Opportunity

Prime Minister's vision of 100 'Smart Cities'
Sectors that will be key beneficiaries

Power Telecom

Road Water

Railways (MRTS) Waste Management

Airports Ports

Cement

Proposed 'Smart Cities' will be satellite towns of larger cities and modernization of existing mid-sized cities

**EPC** activity

#### **Government recent positive initiatives**

- Master planning of smart cities in Delhi-Mumbai, Amritsar-Kolkata & Chennai-Bengaluru Industrial Corridor to be completed
- Allocated ₹ 1 bn each for Metro projects in Lucknow & Ahmedabad and setting up National Industrial Corridor Authority
- Pooled Municipal Debt Obligation corpus of ₹ 500 bn proposed
- Amendments to labour / industrial laws & land acquisition bill being pushed

RInfra will capitalize on the opportunities available in smart cities

### Recent Govt. Initiatives for Infrastructure Sector

**Availability of long term funding for infrastructure sector** 

Flexible long term 5/25 loan structures (25 year loan with 5 year reset)

**Benefits to RInfra** 

- Improve credit availability & maturity
- Will lower cost of capital

10 year tax holiday extended for another 3 years

**Conducive tax regime for Infrastructure Investment Trusts** 

Will bring new investment

Will improve project NPV

Land Acquisition eased – Ordinance issued and Bill passed in lower house of parliament

3P India formed for developing sophisticated contracts and dispute redressal for PPP projects

Facilitate speedy execution

Faster dispute redressal

### **RELIANCE**

Key Investment

**Highlights** 

Leadership position across all businesses

Well diversified portfolio with stable cash flows

Proven track record of completing large infrastructure projects

Capex cycle complete (US\$ 12 bn); Cash inflow started

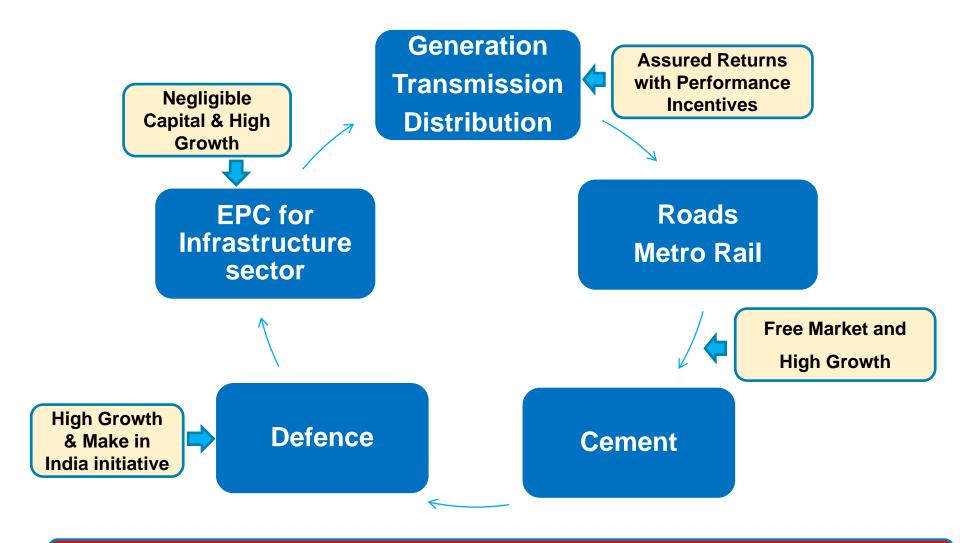
Strong balance sheet with Networth of ₹ 270 bn

Forayed into high growth defence business

**Experienced management team** 

Well placed to capitalize on the growth opportunities

### RInfra Businesses



Presence across all key infrastructure sectors

### **Presence across Power Value Chain**



**Distribution** 

- Over 6.4 mn consumers
- Serving 2 out of 3 homes in Mumbai & Delhi



**Generation\*** 

- Operational Capacity : 6,885 MW
- Under Development : 10,000 MW
- Coal Reserves : 2.6 bn tonnes

\* Includes Reliance Power Ltd (RPower)

RInfra has 42.2% stake in RPower

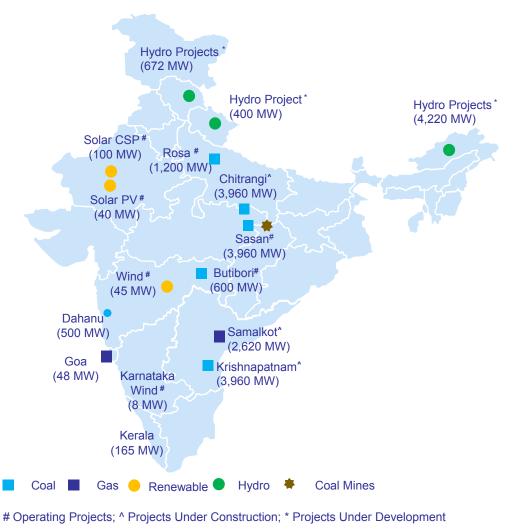


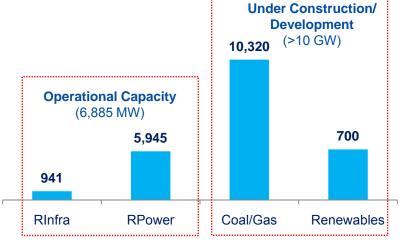
**Transmission** 

- Own 4,000 circuit kms of operational lines
- Enable flow of 4,000 MW in western region

Leading integrated private sector power company in India

### **Power Generation**





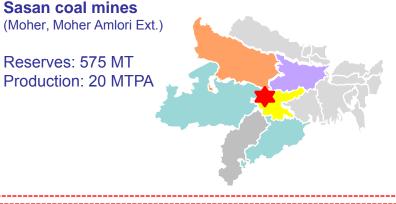
- Dahanu Power Plant operated at 100%
   PLF for 9 years since inception
- RPower has well diversified portfolio by fuel type, offtake and location
- Largest integrated private sector power generation and coal resources in India
- RPower signed MOU with Govt.of Bangaldesh to develop 3,000 MW LNG based power project

All future power generation will be through RPower

### **Coal Resource**

#### 575 mn tonnes coal reserves in India with target production of ~20 MTPA

Reserves: 575 MT Production: 20 MTPA



#### **Reliance Power Ltd**

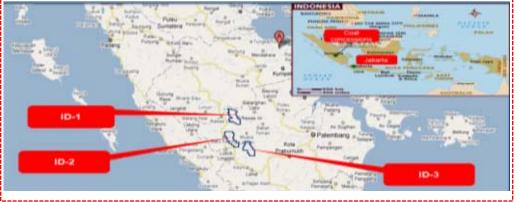
Set to become ~50 million tonnes per annum (MTPA) coal resource company

Sasan coal mines: 25 MTPA

Indonesian mines: 30 MTPA

Use of world class mining equipment

#### Two billion tonnes coal resources in Indonesia with target production of 30 MTPA





One of the largest portfolio of coal resources in the private sector



### **Power Distribution**

- AT&C loss levels of ~24% in India
- 1% reduction in loss level can save ₹ 60 bn
- Identified 255 cities for private participation - Franchisee route
- Investment of ₹ 3,000 bn envisaged during 2012-17



Serving consumers in mega metros i.e. Mumbai & Delhi

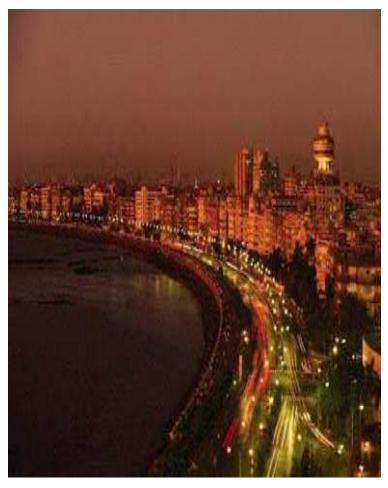
**Serving over 6.4 million consumers** 

Distributing ~5,800 MW of power

Have 50% market share of total private sector distribution

Largest power distribution player in the private sector

### **Mumbai Distribution**



- Serving over 2.9 mn customers
- 9% loss levels versus India avg. of ~24%
- Reliability of 99.98%: Avg. interruption of <20 secs/day</li>
- Only city without the need for power back-ups
- Started recovery of arrears amounting to ₹ 55.5 bn & Cross Subsidy Surcharge wef Sept 2013
  - Already recovered ₹ 13.2 bn arrears till FY15
- Competitive tariff facilitating reverse migration of consumers

Amongst the most efficient power distribution utility in the country

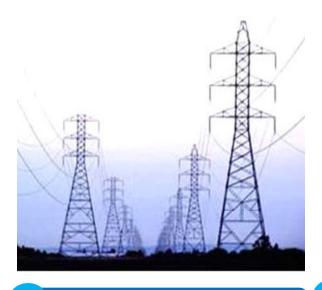
### **Delhi Distribution**



- Serving over 3.5 mn customers
- Loss levels reduced from 55% to 18%
- Delhi Govt. saved ~₹ 400 bn since 2002
- ~₹ 50 bn spend on network upgradation
- Provides 24x7 reliable & quality power
- Avg outage reduced from 5 hrs/day to 3 mins/day
- Implemented tariff hike of ~80% in last 4 years
- DERC approved Power Purchase Adjustment Charge (PPAC) of 6% for both discoms
- Regulator approved recovery of ~₹ 100 bn arrears

India's most admired power distribution company by Forbes

### **Power Transmission**



- Operating / Developing 3 projects worth ₹ 46 bn
- Enable transmit >4,000 MW of power in western region
- ~4,000 circuit kms of transmission lines operational
- Benefiting over 45 utility companies
- Transformation capacity of 3,000 MVA

# Western Region Strengthening Scheme\*

- First 100% privately owned transmission line in India
- 8 out of 9 lines commissioned in Maharashtra & Gujarat
- Project to be operational within FY16

#### Mumbai Transmission#

- 8 Extra High Voltage (EHV) sub-stations charged
- High System availability of 99.9%Ensuring incentives
- Received regulatory approval for developing ₹ 70 bn HVDC project

#### Parbati Koldam#

- Signed bulk transmission agreement with 13 beneficiaries
- Both the lines commissioned and revenue generating

\*Competitive Based Project #Regulated Return Project

### Largest private player in the transmission sector



### **Roads Business**

- Amongst the top 3 NHAI concessionaires
- 10 out of 11 projects are revenue operational
- All projects expected to be revenue operational within this year
- High traffic growth urban corridors eg. Delhi, Bangalore, Jaipur, Gurgaon, Agra, Pune, etc.
- Concession period ranges between 18 30 years



11 Projects

7 States

970 kms

₹ 115 bn

### **Metro Rail Business**

Project	Project Cost ₹bn	Length (Kms)	COD	Concession Period*	
Mumbai Metro	₹ 40.3	12	June 2014	35 years^	
Delhi Airport Metro Express Link	₹ 28.9	23	Line handed over to DMRC wef July 1, 2013		

<sup>\*</sup> Including construction period

- Successfully executed projects in Mumbai and Delhi in challenging environment
- First mover advantage and technical expertise will enable RInfra to bid for new projects
- Exploring opportunities through EPC, O&M contract or as a developer of metro rail

First private player to commission metro rail in the country

<sup>^</sup> Concession period extended by 755 days

### **Reli**ANCE

### **Mumbai Metro**



- Only East to West rail connectivity in Mumbai
- Travel time reduced from 90 to ~21 mins
- 85 million commuters travelled since commencement
- Around 110,000 trips made with >99% service efficiency
- Initial fares implemented wef January 09, 2015 after charging promotional fare
  - Currently, Fare Fixation Committee is in the process of revising the fare





**Commercial operations commenced in June 2014** 

### **Cement Business**

Operational Project	Location	Capacity (mtpa)	
Maihar	Madhya Pradesh	3.0	
Kundangunj	Uttar Pradesh	2.0	
Butibori	Maharashtra	0.5	
Durgapur	West Bengal	0.3	

- Operational cement capacity of 5.8 MTPA with presence across 6 states in India
- Greenfield project in Madhya Pradesh completed at
   ₹ 6 bn/ton in a record time of 24 months
- Aiming 90% clinker capacity utilization in FY16
- Plans to expand capacity to 10 MTPA in next 3 years
- Won Sial Ghogri coal mine with extractable reserves of 5.7 million tonnes







Amongst the top 3 brands in India in terms of pricing

### **EPC Business**

- Amongst the largest EPC player in India with projects completed/undertaken in power generation, transmission and road sector
- Current order book comprises of 11 projects worth ₹ 51 bn as on March 31, 2015
- Consistently maintained EBITDA margin of 8% 10% over last 6 years
- Proven track record of executing large projects
- Established "Centre of Excellence" to enhance technical capabilities



RInfra is well positioned to capture EPC Opportunities

# **RELIANCE**

### **Defence Business**

- India is the largest importer of defence equipment in the world
- Defence spending increased
   @ CAGR of 5.3% in last 10 years
- Increase in FDI to 49% Push towards 'Make in India'
- Projected expenditure of over US\$ 220 bn over next 10 years
  - Navy US\$ 100 bn
  - Army US\$ 65 bn
  - Air Force US\$ 55 bn

- Forayed into defence through acquisition of Pipavav Defence & Offshore Engineering Co. Ltd – Largest ever acquisition in defence sector in India
- Strategic acquisition keeping in mind:
  - Ship-building opportunities: Commercial and Military (Surface and Submarine)
  - Aircraft carriers, Offshore platforms and rigs
  - 2nd largest dockyard in the world 859 acres land with 257 acres dedicated waterfront
- Technological tie-ups with global defence leaders
- Acquisition will take place via following mode:
  - Promoter stake: 18% stake @ Rs 63/share
  - Open offer\*: 26% share capital @ Rs 66/share

\*Awaiting approval from Gujarat Maritime Board

Acquisition will help RInfra tap opportunities in the defence sector

# Pipavav Defence & Offshore Engineering Co. Ltd





- India's first world class integrated Defence production, Ship Building
   & Offshore infrastructure company
- World's largest infrastructure across West Coast of India, Gujarat (841 acres), Gulf of Cambay (210 acres) & Shipbuilding (250 acres)
- 1st private company to get license to build warships for Indian Navy
- Facilities:
  - One of the largest dry docks of the world 662 mtrs in length and 65 meters width
  - 2 goliath cranes with combined lifting capacity of 1,200 tons
  - Capacity: 144,000 mtpa
  - Covered shed area 3 mn sqft (for engineering and fabrication)
- Technological tie-ups with global defence leaders like SAAB (Sweden), DCNS (France), SEMBCORP Marine (Singapore), etc.
- Robust order book in defence:
  - Offshore Patrol vessels for Indian Navy US\$ 595 mn
  - Fast Patrol vessels for Ministry of Defence US\$ 170 mn
  - Offshore supply vessels for ONGC US\$ 240 mn



# **Opportunities in Defence**

Defence Sector Opportunity	Opportunity* (US\$ Bn)		
Navy	100		
Development of Naval Base	30		
Capital Warships (Destroyers, Frigates, Aircraft Carrier)	25		
Nuclear Submarines (Attack and Ballistic Missile)	25		
Conventional Submarines	10		
Naval Multi-role helicopters	10		
Army	65		
Battle Management, Communication Systems and Mountain strike corps	25		
Future Infantry combat vehicle, battle tank and air missile	30		
Survelliance Helicopter, Field Artillery program and UAV	10		
Air Force	55		
Combat Aircraft	30		
5 <sup>th</sup> Generation fighter aircraft	15		
Medium Transport Aircraft	10		

<sup>\*</sup>Indicative opportunities in defence sector over next 10 years

### **Financial Performance - Consolidated**

(All figures in ₹ bn)

Particulars	FY11	FY12	FY13	FY14	FY15
Operating Income	152.2	242.2	223.7	190.3	172.0
EBITDA	24.9	35.3	40.2	40.7	45.6
PAT	15.5	15.9	18.7	19.1	18.0
Networth	236.1	241.3	261.2	265.9	269.7
Debt	116.7	182.9	219.8	242.9	252.5
EPS (₹/share)	58.2	60.1	71.2	72.8	68.5
Book Value (₹/share)	883	918	993	1,011	1,026

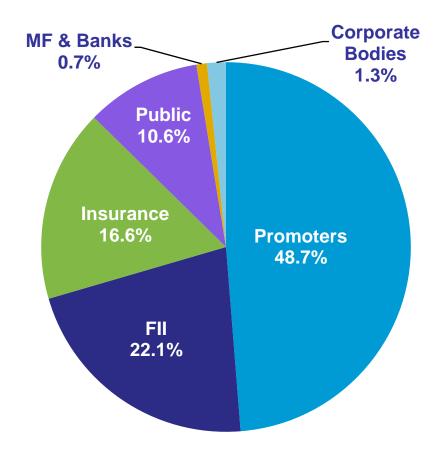
Conservatively financed Debt : Equity of 0.9x

Capex cycle nearing completion

**Reverse Cash flow started** 

Note: PAT and EPS in FY13 excludes exceptional item of "Profit from sale of RPower shares"

# **Shareholding Pattern**



As on March 31, 2015

Largest shareowner family in the sector: 1.2 mn

### RInfra in FY16

1

All projects will be revenue operational within FY16

To capitalize on US\$ 1 tn infrastructure opportunity

Operating one of the most efficient distribution networks

### **RELIANCE**

Amongst lowest leveraged company in infra sector

To capitalize on ~US\$ 220 bn opportunities in defence

4

First mover advantage in infrastructure sector

# **Human Capital – Our Strength**

**8000+** 

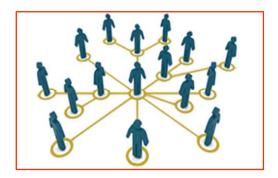
**Employees** 

Young Workforce

Average Age 35 years

Rev/Employee Productivity

**₹ 2.5 crore** 







"People are our Real Assets"

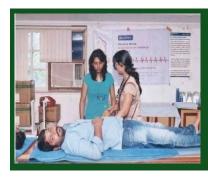
## **Corporate Social Responsibility**





- □ Young Energy Savers (YES) campaign about energy conservation
- □ Change for Mumbai: Energy efficient appliances to consumers at discounted rates





- □ Health Programmes : Free Medical checkup & Blood Donation
- Sponsorships: Educational kits, scholarships computers, sports ground, rainwears, etc.





- □ Earth Hour Participation : Energy conservation
- □ Vanmahotsav Saptah : Tree Plantation by employees

# **Awards & Recognition**



10 HR Excellence Award



50 Quality Award

21
BUSINESS
Excellence
Award



15
Environment &
Safety Award





# Thank You