

ITI set to regain past glory

Keen on manufacturing diversified products; new data centre is scheduled to go live in October



The phenomenal growth of the Indian telecom industry has brought to the fore the growing importance of the country as a knowledge powerhouse. The telecommunication sector has emerged as a key driver of economic and social development in an increasingly knowledge intensive global scenario.

Sustained adoption of modern technology enables the telecom industry to overcome developmental challenges in education, health, employment generation, financial inclusion and much more. Today, India is one of

the fastest growing telecom markets in the world and its unprecedented increase in teledensity and sharp decline in tariffs in the sector have contributed significantly to the country's economic growth. The telecom industry contributes to about three percent to India's GDP and helps accelerate the growth of the economic and social sectors. The socio-economic impact of this growth on the country is significant. Recognising these new opportunities and the imperatives arising from the challenges in terms of

consumer needs, technology and structure of the industry, the Centre has adopted various initiatives to pave the way for next revolution in growth of telecom services.

A Journey with Commitment

To spur the telecom revolution in the country, ITI Limited, India's first public sector and premier telecom company has carved a niche for itself in the telecommunication segment by contributing 50 percent to the present national telecom network. ITI Ltd (Formerly known as Indian Telephone Industries



Limited) started its state-of-the-art manufacturing facility in Bangalore in 1948 and expanded to other six locations in Bengaluru, Naini, Rae Bareli, Mankapur, Srinagar and Palakkad, along with an in-house R&D centre in Bengaluru and marketing-cum-service outlets spread across the country. The company offers complete range of telecom products covering the whole spectrum of switching, transmission, access and subscriber premises equipment.

Besides offering the latest telecom solutions and customised support to a variety of business, ITI has dedicated Network System Unit for carrying out installation and commissioning of equipment and for undertaking turnkey projects. ITI is focused on manufacturing of diversified products for defence and railway sectors. It also engaged in manufacturing of solar equipment, NGN products, GPON, LED lighting systems, optical products, PMP microwave along with other allied products like HDPE, OFC, LI-ION batteries, smart cards, defence equipment, Wi-Fi, etc.

ITI with the inauguration of mobile equipment manufacturing facilities at its Raebareli and Mankapur plants joined the league of world class vendors of Global

System for Mobile (GSM) technology in the year 2005-06, which ushered a new era of indigenous mobile equipment production in the country. ITI has supplied over nine million lines per annum to domestic as well as export markets. Highlighting the company's achievement for the year 2016-17, S Gopu, CMD, ITI Ltd, says: "I am delighted with the company's financial performance along with the strategic initiatives taken in last one year. This will allow us to continue to drive strong revenue growth and improved profitability in the coming years.

Secure Communications for Defence

Secure communications is the company's forte with a proven record of engineering strategic communication networks for India's defence forces for last six decades.

ITI is the pioneer in design, manufacture and supply of encryption equipment in the field of encryption technology for more than four decades with the highest number of approvals. ITI has supplied a wide range of encryption products ranging from very low bit rate (Kbps using RS-232) up to STM-4 (622 MHz) which have been successfully deployed and are

operational in the national defence networks like Bluestar, Civicon, Project Dhruv, ASCON Phase I, II & III, Pouncing Panther, Assam Rifles, IDS, MUX, DCN, AWAN II project, etc.

Data Center Services

ITI is the first PSU to start operation of a Tier-III plus data centre with 350 rack space on PPP model during the year 2009 with a list of prestigious customers, which includes major banks, government institutions and strategic state government entities. ITI aims to expand its data centre operations by building a Tier-III plus (Uptime 99.982%) data centre with 1000 Rack space at Bengaluru and 200 racks space data center at Naini acting as DR site and vice versa in the first phase with an investment of Rs 200 crore to provide customer centric services to government organisations and corporate entities. The new data centre is proposed to go live in October 2017. ITI also plans to offer end to end data centre hosting services including co-location, bandwidth and managed services.

Complimenting Government's Vision with Digital Services

ITI is committed to the 'Digital India,' 'Make in India,' 'Skill India,' and 'Smart Cities' initiatives of Government of India. ITI has launched TAG ITI Digital Wallet Service to provide cashless transactions to the nation's economy under the Digital India Initiative of GoI. On the other hand, ITI has imparted skills to youth on 'Optical Fibre Splicer,' 'Electronics Switching System Manufacturing and Testing' and 'Mobile Communication' under the flagship of Pradhan Mantri Kaushal Vikas Yojana.

ITI also pledged for 'Swachh Bharat Pakhwara 2016' as a step towards cleanliness during November 1-15 2016 under 'Swachh Bharat Mission 2016' in line with Prime Minister's vision to achieve



total sanitation and cleanliness by October 2, 2019, and to spread the message for keeping the work place and surrounding areas clean across all manufacturing units and regional offices.

Endeavors in the Pipeline

The PSU major is planning to explore business opportunities in the IoT, e-Governance, ICT areas in addition to telecommunication and defence projects. With the support of Government of India, ITI has already upgraded the electronics manufacturing infrastructure to supplement indigenous manufacturing. ITI intends to take up solutions depending upon

industry requirements for encryption of mobile handsets, HF Radio, Software Defined Radio (SDR), STM 256/40G IP, Encryption with public key. The company is consolidating its diversification into Information and Communication Technology (ICT) to hone its competitive edge in the convergence market by deploying its rich telecom expertise and vast infrastructure for Network Management Systems, Encryption and Networking Solutions for Internet Connectivity.

Contributing Towards a Developed Society

As a part of corporate social

responsibility, ITI has established a special school, Snehalya, for imparting special education for specially-abled children in the year 1985 under ITI Education Committee. The school teaches the children social academics consisting mainly basic functional literacy to develop their day today activities, skill development, self-care activities. The school focuses on every child in achieving independence in all aspects of life. At present, the school helps the children in skill development like candle making, paper cover making, cross stitch, telephone mats, foot rugs, chalk pieces, pots and diya paintings, and greeting cards.

Keen on Investor Interest and Industry Future

As far as future of telecommunications is concerned, experts believe that the Indian telecommunication sector is expected to witness fast growth in the next few years.

With favourable regulatory environment, support from the government and efforts of the industry, India will achieve a substantial boost in the telecom equipment manufacturing sector and ITI will take this opportunity to get back the glory by fulfilling the requirement of industry. **TH**

