



Chairman's Message

Dear Colleagues,

It gives me immense pleasure in taking the additional charge as Chairman & Managing Director of this esteemed organization with effect from 04th June 2015. I feel honored in reaching to this rare distinction, after making a humble beginning in 1977 as AEE in this great PSU. My elevation to this position would not have been possible without the

support extended by all of you throughout my career. I thank you all for supporting my efforts towards the growth and success of ITI.

As you are aware that, the company is passing through a precarious financial condition. Our bank borrowing limits have been exhausted and interests on the debts is a huge burden for us. The availability of business orders from our esteemed customers (BSNL/MTNL) has reduced to all time low. Meeting the operational expenditure of the company with the internal resources is a Herculean task. Steering the company in this present circumstance is a challenging task. This has forced us to look towards Government's financial support for payment of salary to the employees.

Although challenges are many, we may not loose hope. This great organization has surpassed similar challenges in the past and I am confident that we can cross this turmoil also with the resilience we have developed over the course of difficult times. It is satisfying to note that, there are huge opportunities around us which are opening through the present policies of the Government of India policies thrusting on indigenous manufacturing, Preferential Market Access (PMA), NTP 2012, NPE 2012, Digital India, Make In India, Smart City etc. With the support from the Government, we should be able to utilize these opportunities and make definite strides in the direction of Revival of ITI. In this direction, we are in the process of utilizing the Capex (Rs. 192 Cr) for our new projects. The need of the hour is to impress upon the Government with our improved & revitalized performance and hence get the release of rest of the funds approved as part of the Revival Package.

Friends, "United We Stand, Divided We Fall". It is time we stand united as one company, ITI and resolve to make all out efforts to revive the company at the earliest. Each one of you is counted to give your best to the company in order to overcome this critical condition.

My best wishes to each one of you.



K K Gupta
Chairman and Managing Director

AWARDS

“Certificate of Excellence” conferred to ITI Ltd



ITI Limited has been conferred with “Certificate of Excellence” award by the Institute of Economic Studies, Delhi (IES). This award was given to ITI Ltd at the hands of Shri Qamar UI Islam, Hon’ble Minister Government of Karnataka Municipalities and local bodies, Department of Public Enterprises and Minorities Welfare, Haj and Wakf Department in a function during the occasion of seminar on “Economic Development” organised by IES at Hotel Lalit Ashok, Bengaluru on 15th May 2015. Shri J Premchand, Unit Head of ITI Ltd. Bangalore Plant received the award from the Hon’ble Minister.

“Excellent Efforts for PSU Revival” Award to ITI Limited

The on-going efforts by ITI team were well appreciated by the Telecom Equipment Manufacturers Association of India during an award ceremony with conferring ‘Excellent Efforts for PSU Revival’ Award. The award function - “BSNL TEMA National Telecom Manufacturing Summit & Awards 2015” - was organised on 22nd May, 2015 by BSNL TEMA at the WMS compound, BSNL, Bengaluru.

ITI CELEBRATES FIRST INTERNATIONAL YOGA DAY



Yoga is the science of holistic living, in which 'breath control', 'meditation' and the 'adoptions of specific bodily postures' are widely practiced for body and mental relaxation. Yoga brings enlightenment to body and add strength in everyone's personal outlook, were some of the words expressed by newly appointed ITI chairman and managing director, Shri K K Gupta, during the First International Yoga Day celebrations on 21st June, 2015 at Bangalore plant, ITI Ltd.

A Yoga practicing session was organized on this occasion under the guidance of a professional Yoga teacher, Smt. Vedavathi Bhatt, which was attended by Shri K.K. Gupta, CMD; Shri P.K. Gupta, Director Marketing & Finance; Shri S.Gopu, Director Human Resources along other officers and staff of ITI.

Team members from various units participated together to mark the historic day, and committed themselves towards building a better nation with modern outlook and healthy approach.



Revival plan of ITI Limited

The Revival Plan of ITI Limited had been approved by the Government during February 2014 with a financial package of Rs 4156.79 Crore. The financial package includes Rs 2264 Crore as equity for capital investments for implementation of several projects as part of Revival plan and Rs 1892.79 Crore as grant-in-aid towards clearing part of liabilities.

Under ITI's revival plan, CCEA has approved implementation of several projects in ITI. In addition to telecom projects like G-PON, DWDM, MLLN, Ethernet, Broadband equipments etc., major thrust has been given for the manufacture of telecommunications equipments required by the Defence sector. ITI is also venturing into diversified sectors like Solar, Data center, Smart cards, contract manufacturing services in the electronic / mechanical sector etc., in a large scale.

In the Union budget 2014-15, Government had approved Rs 192 Crore as first phase disbursement to the Company towards capital expenditure. This amount has already been received by ITI and several projects under Defence business, MLLN, Smart cards, HDPE Pipe manufacturing, SMPS, Business with PSUs etc., have been identified and infrastructure upgradation for implementation of these projects are in progress in Bangalore, Raebareli and Palakkad plants.

ITI is in the process of identifying right technology partners for taking up manufacturing in a large scale under the initiatives Government viz., "Make in India", "Digital India" and "Smart City" Projects. ITI is also constantly reducing its losses year by year and is improving MoU ratings. With these initiatives, the Company is expecting a boost in manufacturing in ITI which should lead the company for an early turn around.

Project ASCON

ASCON Project Phase-III the most prestigious Communication Network Project for Indian Army was implemented by Network Systems Unit at a cost of Rs. 355 Crores.

ASCON (Army Static Switched Communication Network) is a Strategic Communication Network of Indian Army. The Network is commissioned in phases. Phase I and Phase II of ASCON Network were commissioned by ITI Ltd. in late eighties and early nineties and were operational since then. ASCON Phase III is an extension of ASCON Phase I and Phase II.

ASCON Phase III contract was awarded to ITI against stiff competition from other Vendors based on ITI's intrinsic strengths in implementing such projects. The Letter of Intent (LoI) was issued to ITI by MoD on 31 March 2000 for implementing ASCON Phase III as a Turn Key Project. The total value of the project was fixed at Rs. 355 Crores.

The scope consisted of civil work ie. construction of Buildings, Towers, Roads, Fencing etc, supply and installation of Power equipment, communication equipment like Switch, Satellite equipment, Microwave Radio, Encryption, Network Management System etc, and also laying and commissioning Optical Fiber Cable and routes. Integration of all these systems in the network also formed part of the scope.

The total work comprised of construction of 64 buildings, 23 MW Towers, laying of approx 2,500 kms of OFC, installation and commissioning of 23 MW links, 22 Satellite Stations with 2 Hub Stations. 72 Static Switches (ATM and ISDN) Mobile Nodes, Secrecy, NMS etc. and integration of the total network with legacy network / system.

The project after successfully handing over to ARMY, ITI has been awarded order for AMC which is being executed to the satisfaction of the customer.

Public Sector Day Celebrated at ITI Limited

BANGALORE PLANT



With a view to portray the Public Sector's Contribution to India's Economy and Social growth, Standing Committee of Public Enterprises (SCOPE) has instituted the Public Sector Day on April 10th of every year. This year Public Sector fraternity is celebrating 4th Public Sector Day. ITI also celebrated this occasion with full enthusiasm and festivity. Some competitions like Essay Writing, Slogan Writing & Speech on the subject was organized to mark the occasion. Winners were awarded in the valedictory function of the celebration.

Shri J. Premchand, Unit Head, Bangalore plant delivered a speech on the theme "SKILL DEVELOPMENT". The valedictory function was concluded with vote of thanks by Shri M.S. Gopalakrishna, CMR (I&S).

MANKAPUR PLANT



The Human Resources department organized 'Public Sector Day 2015' from 10th April to 16th April 2015 at EDC Hall, Mankapur Plant. Officers and Employees, office bearers of Officer's Association, ITI Karamchari Sangh and participants were present in the function. During the week, various programmes were observed such as slow cycle race, drawing & painting, essay, quiz and questionnaire competition.

Shri A.K. Saha, Unit Head, Shri A.K. Bajoria, DGM-P, Shri S.K. Sapra, DGM-MKTG, Shri Vinod Kumar, CFM-M, Shri S.K. Tandon, CM-CD, Shri R.K. Gupta, CM-C, Shri S.S. Bish, Manager-EDC, Alok Kumar, AM-HR(ER), Shri Sushil Kumar Saxena, Secretary, Officer's Association & Shri C.D. Yadav, Secretary, ITI Karmchari Sangh spoke on the topic of "Skill Development". Shri A.K. Saha, Unit Head was the Chief Guest on the occasion.

World Telecommunication Day celebrations at ITI

The historic World Telecommunications Day was Celebrated on 17th May 2015 at ITI Limited, Bangalore. Shri Ezil Budhan, GM-BSNL, Bangalore was the Chief guest, CMD along with other Directors were also participated in the programme. A similar function was organised by Mankapur plant at EDC auditorium, Mankapur. A gathering comprising of representatives and children of ITI family were felicitated for participation in various programs. Prizes were distributed by Chief Guest to the winners who took participation in various activities including essay competition, marathon run for Telecom Day, questionnaire competition, paper presentation on theme of "Telecommunications and ICT - Drivers of Innovation".

Statement of Standalone Audited Financial Results for the Year Ended 31st March 2015

S No	Particulars	Year ended (31/03/2015)	Year ended (31/03/2014)
		Audited	Audited
1	Income from operations		
	(a) Net sales/income from operations (Net of excise duty & Service Tax)	57,318	70,546
	(b) Other operating income	115	326
	Total income from operations (net)	57,433	70,872
2	Expenses		
	(a) Cost of materials and services	25,691	46,077
	(b) Purchases of stock-in-trade	14,206	5,771
	(c) Changes in inventories of finished goods, work-in-progress and stock-in-trade	206	198
	(d) Employee benefits expense	32,119	33,732
	(e) Depreciation and amortisation expense	1,532	1,722
	(f) Other expenses	6,246	9,478
	Total expenses	80,000	96,978
3	Profit / (Loss) from operations before other income, finance costs and exceptional items (1-2)	(22,567)	(26,106)
4	Other Income	8,492	3,706
5	Profit / (Loss) from ordinary activities before finance costs and exceptional items (3 + 4)	(14,075)	(22,400)
6	Finance costs	15,725	12,231
7	Profit / (Loss) from ordinary activities after finance costs but before exceptional items & Prior Period Items (5 - 6)	(29,800)	(34,631)
8	a) Exceptional items Income	16,500	205
	Exceptional items (Expense)	(16,500)	
	b) Prior Period Item	87	-
9	Profit / (Loss) from Ordinary Activities before Tax (7+8)	(29,713)	(34,426)

ITI Losses are further down : Lowest in last thirteen years

Financial results of ITI Limited for the year 2014-15 has been declared with a Net income of Rs. 574 Crores and a loss of Rs 297 Crores. ITI has been reducing its losses year after year in recent past and the loss of Rs. 297 Crores during 2014-2015 is the lowest in the last thirteen years ever since ITI came under losses during the year

2002-03 and was referred to BIFR in the year 2004. This has been achieved due to very tight financial discipline undertaken which included many cost reduction measures, effective management of resources and doing business with increased margins. The major contribution to the loss is Bank interest charges against borrowings. With continued reduction in losses of the Company and with the financial assistance in the form of 'Revival package' being released by the Government of India, ITI, is now poised for turning around during the year 2016-17.



Standalone Statement of Assets and Liabilities

₹ in Lakhs			
S No	Particulars	As at	As at
		31/03/2015	31/03/2014
		Audited	Audited
A	EQUITY AND LIABILITIES		
1	Shareholders' funds		
	(a) Share capital	58800	58800
	(b) Reserves and surplus	12455	23079
	(c) Money received against share warrants	0	0
	Sub-total - Shareholders' funds	71255	81879
2	Share application money pending allotment	0	0
3	Non-current liabilities		
	(a) Long-term borrowings	30156	0
	(b) Other long-term liabilities	474	501
	(c) Trade payables	41832	25596
	(d) Long-term provisions	8875	10438
	Sub-total - Non-current liabilities	81337	36535
4	Current liabilities		
	(a) Short-term borrowings	92083	87593
	(b) Trade payables	186470	203443
	(c) Other current liabilities	67666	66023
	(d) Short-term provisions	35253	33285
	Sub-total - Current liabilities	381472	390344
	TOTAL - EQUITY AND LIABILITIES	534064	508758
B	ASSETS		
1	Non-current assets		
	(a) Fixed assets	245645	247401
	(b) Non-current investments	41	41
	(c) Deferred tax assets (net)	0	0
	(d) Long-term loans and advances	252	195
	(e) Trade receivables	37791	20811
	Sub-total - Non-current assets	283729	268448
2	Current assets		
	(a) Current investments	0	0
	(b) Inventories	9334	9620
	(c) Trade receivables	184081	194352
	(d) Cash and cash equivalents	27122	3234
	(e) Short-term loans and advances	29775	33069
	(f) Other current assets	23	35
	Sub-total - Current assets	250335	240310
	TOTAL - ASSETS	534064	508758

DoT sanctions Rs. 150 Crores for Employee Salaries

A big boost to the employees was when Government of India sanctioned Rs 150 Crores as Grant-in-Aid to pay salary to the employees, which was pending since January-2015. The amount has been sanctioned by Department of Telecommunications under non-plan expenses. This support is a morale booster at a time when the Company is putting all efforts to implement many new projects in various plants under the Company's Revival plan.

4G Technology (LTE) Network

By B.R. Ramesh, Manager-PP

LTE - Long Term Evolution is the brand name given to the Wireless Broadband Technology developed by 3GPP. This is the 4th generation technology in the evolution of wireless communications (1G – Analog Mobile Technology mostly voice, 2G - Digital Technology with data service, 2.5G - GPRS, 3G - UMTS, 3.5G - HSPA). The major technologies in the wireless communications namely GSM and CDMA converge in the 4G i.e with LTE. Unlike earlier wireless standards, 4G technology is based on TCP/IP which makes it end to end IP. TCP/IP enables wireless networks to deliver higher-level services, such as video and multimedia, while supporting the devices and applications of the future.

The technical specifications approved by 3GPP for the LTE project include the use of Orthogonal Frequency Division Multiplexing (OFDM) and advanced antenna technologies such as MIMO (Multiple Input Multiple Output). It specifies downlink peak speeds of 326Mbps and uplink peak speeds of 86Mbps, both in a 20 Mhz bandwidth. It also mandates the roundtrip latency between the base station and handsets to 10-milliseconds. Of course the speeds are always on the improving trajectory to suffice the needs of bandwidth hungry applications. 4G LTE is a set of two technologies, TDD-LTE and FDD-LTE. TDD-LTE runs on 2300 MHz band, where as FDD-LTE uses different bands (1800, 2100, 2600, 700, 800 MHz) to operate.

The key features of LTE are :

1. Evolution of core network as flat, packet only all IP based architecture
2. Higher throughput, Lower latency radio access technologies.
3. Interoperability across heterogeneous radio access technologies.
4. Vertical handover between multiple Radio Access Technologies

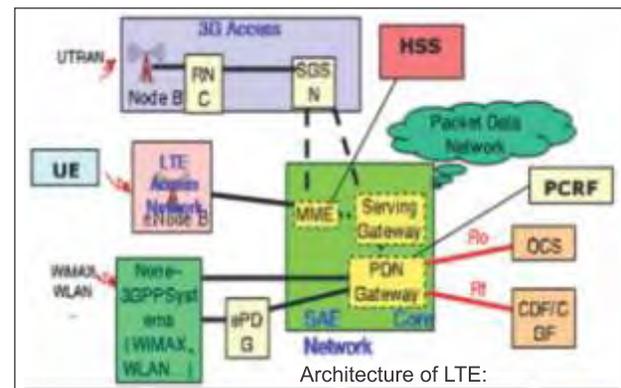
Following are the main nodes in LTE :

LTE Access Network

1. **UE : User Equipment:** UE is the device (like Customer Premise Equipment - CPE)used to access the LTE network. This can be a datacard or a mobile which is LTE capable. The device will access the services provided by the LTE
2. **eNodeB:** LTE UE communicates to the LTE network through eNodeB (first point of contact). If you are familiar with other wireless technologies, eNodeB is a combination of BTS/NodeB + BSC/RNC. It owns the entire radio resources (spectrum) within its sector or cell area and allocates them to UEs (mobiles) in that sector. UE connects to eNodeB through an air interface - LTE-Uu Interface

LTE Core Network (also called SAE-System Architecture Evolution)

3. **MME - Mobility Management Entity:** MME is the key control node of LTE core network. Major functions of MME are registration, mobility, paging and authentication. S1-MME interface connects MME to eNodeB. As shown above, MME interfaces with Serving Gateway, HSS and even with other technology nodes like SGSN
4. **Serving Gateway (S-GW):** S-GW is in the user plane of LTE CN. It routes and forwards user data packets. It is the mobility anchor for the user plane during inter-eNodeB handovers and as the anchor for mobility between LTE and other 3GPP technologies. S-GW interfaces with P-GW through S5 interface. It may interface with SGSN also for handover support
5. **PDN Gateway (PGW):** The PDN Gateway provides connectivity from the UE to external packet data networks. It can be considered as the point of entry & exit of traffic for the UE. It is the mobility anchor during handover between LTE and non3GPP technologies.
6. **HSS (Home Subscriber Server):** The HSS is a central database that contains user-related and subscription-related data. Similar to HLR +AuC in the older architectures.
7. **Policy and Charging Rules Function (PCRF):** PCRF is the node designated to determine policy rules and charging rules. Its functions are administrative in nature.



Benefits of LTE :

- + Higher spectral Efficiency
- + Higher Data Rate and reduced cost per bit
- + Reduced latency
- + Inter working with existing GSM technologies and non 3GPP systems
- + Multimedia Broadcast Multicast Services
- + Scalable and flexible frequency bands - 5, 10, 15, 20 MHz.
- + Reduced CAPEX and OPEX including backhaul
- + All the interfaces shall be open for multiendor equipment interoperability.
- + Enables higherformance mobile computing
- + End-to-end Quality of Service (QoS) shall be supported

Where does LTE stand today?

Worldwide there are more than 300 LTE networks now commercially launched in around 110 countries. According to a recent report by the industry LTE connections across the world is forecast to pass one billion by 2017 of which, the Asian market will account or over 47% of all 4G connections driven mainly by India and China.

LTE is seeing a rapid growth over the past one year and is likely to impact the Indian telecom market significantly. India has the most Facebook and Twitter users of any country outside of the U.S. Dataonsuming instant messaging apps such as WhatsApp, are also very popular among individual users and small businesses. With increasing adoption of smart phones and high demand for data intensive applications, the mobile operators today are burdened with immidiate need to upgrade their network infrastructure to be able to offer highspeed data services to the consumers. The mobile operators are planning to move to 4G technologies to accommodate the surge in data traffic.

LTE is expected to herald a new age of productivity for all sectors of business users. Greater capacity, lower cost of deployment, support for high mobility, spectrum flexibility and superior quality of services are some of the factors that make LTE ideal for high speed, high quality mobile broadband services.

UMTS - Universal Mobile Telecommunications System

RNC - Radio Network Controller

SAE - System Architecture Evolution

GPRS - General Packet Radio Service

TDD - Time Division Duplex

3GPP - 3dGen Partnership Project

UTRA MTS - Terrestrial Radio Access Network

SGSN - Serving GPRS Support Node

FDD - Frequency Division Duplex

NFS Project - OFC Cable Laying

By S.K. Gupta, DGM-NFS

ITI has bagged Purchase Orders (POs) for two Packages of NFS OFC laying project, Package-F & Package-G valuing Rs 843.83 Cr & Rs 1267.29 Cr respectively under competitive bidding from M/s BSNL on 16th September 2014. This work is part of prestigious Network For Spectrum Project, which has been taken up to set up intelligent fiber optic cable network with the state-of-the-art technology to connect 219 Army stations, 33 Navy stations and 162 Air Force stations across the country to be connected through approx 57000 KM network.

Total Network For Spectrum project is divided in to two parts. First part comprises of supply & laying of OFC Cable & related material which was further divided in to seven packages from Package 'A', 'B', 'C', 'D', 'E', 'F' and 'G' distributed across India. Other part is for supply of Transmission & Access equipments for Army, Navy and Air Force Stations. Scope of ITI Purchase Orders cover Supply, Survey, Trenching, Laying, Installation, Testing and Commissioning of Optical Fiber Cable and related cable accessories for Package 'F' & Package 'G' and it is being executed by Mankapur & Raibareli Units respectively. The state of West Bengal, Bihar, Jharkhand, Odisha, Andaman & Nicobar Islands and Sikkim of the ETP region are covered in Package 'F'. The work involves laying of OFC of 7518KM comprising of 115 OFC links. The work of Package 'G' is spread across the states of Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura of the NETF region and involves laying of OFC of 6021KM comprising of 113 OFC links. The delivery of goods and services including laying and documentation is required to be completed within 18 months from the date of start of the contract.

राजभाषा कार्यान्वयन से संबंधी जाँच बिंदु

क्या करें	Do's
1. हिंदी में प्राप्त / हस्ताक्षरित पत्रों के उत्तर हिंदी में ही दें तथा अपने हस्ताक्षर हिंदी में ही करें।	Reply the letters received / signed in Hindi in the same language and do your signature in Hindi only.
2. धारा 3(3) के तहत आनेवाले दस्तावेज अर्थात् परिपत्र, कार्यालय आदेश, निविदा फार्म, निविदा सूचना, ठेके, करार, विज्ञापन आदि को द्विभाषी रूप में ही जारी करें।	Do issue documents under Section 3(3) such as Circular, Office Order, Tender form, Tender Notice, Contract, Agreement, and Advertisements in bilingual only.
3. निरंतर प्रयोग में लाए जाने वाले पत्रों को द्विभाषी बनवा लें तथा सभी फार्मों को द्विभाषी रूप में ही प्रयोग करें।	Use the bilingual form of letters, those are in regular use and use bilingual forms only.
4. सभी मुहरें, फाइल कवर, रजिस्टर तथा अन्य लेखन सामग्री, द्विभाषी रूप में ही बनवाएं।	Get prepared Stamps, File cover, Registers and other stationeries items in bilingual only.
5. सभी साइन बोर्ड, नाम पट्ट केवल द्विभाषी में होने चाहिए तथा जनता में प्रदर्शित किए जानेवाले बोर्ड त्रिभाषी रूप में होने चाहिए। इनमें भाषा का प्रयोग (1.स्थानीय भाषा, 2. हिंदी, 3. अंग्रेजी) क्रम से अवश्य करें।	Display Sign boards and Name Plates should be in bilingual. Boards displayed in Public should be in trilingual and the sequence of language should be strictly followed as (1.Local language, 2. Hindi, 3. English)
6. हिंदी के प्रगामी प्रयोग से संबंधित मासिक एवं तिमाही प्रगति रिपोर्ट कार्यालय प्रधान के हस्ताक्षर द्वारा तत्काल भिजवाएं।	Send the Monthly & Quarterly Progress Report on the use of Hindi with the signature of Office In charge promptly.
7. प्राप्त पत्रों तथा नोटशीट पर टिप्पणियां हिन्दी में अवश्य लिखें।	Do write noting in Hindi on the Note Sheet & received letters.
8. प्रत्येक तिमाही में हिंदी कार्यशाला अवश्य आयोजित करें तथा यह भी ध्यान रखें कि प्रत्येक कर्मचारी हिंदी कार्यशाला में हिस्सा लिये हो।	Conduct Hindi Workshop in each quarter and also ensure that every employee has participated in Hindi Workshop.
9. प्रत्येक तिमाही में राजभाषा कार्यान्वयन समिति की बैठक अवश्य आयोजित करें।	Organise Official Language Implementation Committee Meeting in each quarter.
10. नगर राजभाषा कार्यान्वयन समिति की बैठक में प्रशासनिक प्रधान अवश्य हिस्सा लें।	The administrative head of the office should invariably attend the Meeting of Town Official Language Implementation Committee.

क्या न करें	Don'ts
1. हिंदी में प्राप्त पत्रों का अनुवाद न मांगें, बल्कि इसे पढ़कर समझने का प्रयास करें।	Don't ask for translation of letters received in Hindi, rather try to read it.
2. धारा 3(3) के अंतर्गत आनेवाले दस्तावेजों को द्विभाषी रूप में जारी करने की पूर्ण जिम्मेदारी हस्ताक्षरकर्ता अधिकारी की होती है, इसमें चूक करने वाले पर संसदीय राजभाषा समिति द्वारा व्यक्तिशः कार्रवाई की जाती है।	The responsibility of issuing documents under Sec.3(3) lies on the officer signing on it. The Parliamentary Committee takes action individually on Non-compliance of it.
3. यह कभी न सोचें कि केवल अंग्रेजी में मुहर लगाने से काम चल जाएगा। कृपया ध्यान दें, कि इसकी प्रति जहां भी जाएगी, विभाग की बदनामी होगी।	Do not consider to put only English stamps. Please note that it may hamper the image of the department wherever its copies are sent.
4. गलतियों से न घबराएं, हिंदी का प्रयोग करते-करते आप हिंदी में प्रवीण हो जाएंगे।	Do not afraid of the mistakes. You will improve your proficiency in Hindi when you start using it.
5. राजभाषा संबंधी आदेशों के अनुपालन में किसी प्रकार की चूक हुई हो तो उसे छिपाए नहीं, बल्कि संबंधित अधिकारियों को बताएं ताकि समस्याओं का समाधान किया जा सके।	Please do not suppress any fact in regard to adherence to instructions regarding use of Official Language, rather inform to find out suitable remedial measures thereof.
6. यह न भूलें कि हिंदी के प्रयोग में आपके द्वारा किया गया छोटा-से-छोटा प्रयास संस्था के आंतरिक कामकाज में हिंदी के प्रयोग को बढ़ाने और राष्ट्रीय नीति को साकार करने में सहयोग देगा।	Do not forget that your every effort for use of Hindi shall help the organization to increase its use and translate the policy and hope of the Nation into reality regarding use of Hindi.

मानक टिप्पणियाँ / Standard Notings

1	Accordingly	तदनुसार
2	Acknowledge receipt	पावती दें
3	Action as at 'A' above	ऊपर 'क' के अनुसार कार्रवाई की जाए
4	Action may be taken as proposed	यथा प्रस्तावित कार्रवाई की जाए
5	Approval may be accorded	अनुमोदन प्रदान कर दिया जाए
6	As discussed	चर्चा के अनुसार
7	As amended	यथा संशोधित
8	As an exceptional case	अपवाद के रूप में
9	As proposed	यथा प्रस्तावित
10	As the case may be	यथास्थिति, जैसी स्थिति हो
11	Await reply	उत्तर की प्रतीक्षा करें
12	Call for explanation	स्पष्टीकरण मांगें
13	Comply with	अनुपालन करें
14	Consolidated report may be furnished	समेकित रिपोर्ट प्रस्तुत की जाए
15	Demi-official letter(D.O)	अर्ध-शासकीय, अर्ध सरकारी पत्र
16	Discrepancy may be reconciled	विसंगति का सामाधान कर लिया जाए
17	Discretionary Power	विवेकाधिकार
18	Immediate action may be taken	तत्काल कार्रवाई की जाए
19	Please acknowledge	कृपया पावती दें
20	Please discuss	कृपया चर्चा करें
21	Please put up a note	कृपया टिप्पणी प्रस्तुत करें
22	Please confirm	कृपया पुष्टि करें।
23	Please expedite compliance	शीघ्र अनुपालन कीजिए
24	Subject to approval	बशर्ते कि अनुमोदन प्राप्त हो
25	Submitted for disposal	निपटान हेतु प्रस्तुत
26	Submitted for perusal	अवलोकनार्थ प्रस्तुत
27	Until further orders	दूसरा आदेश मिलने तक
28	We may reconsider	हम पुनर्विचार कर सकते हैं

Projects under Implementation

Sl. No.	Projects / Products	Total Order for 2015-16
		As on 30-06-2015
		(in Rs Crore)
1	MLLN / SSTP	31.72
2	GSM Infra – 9ML WZ	24.28
3	GSM - SZ	35.88
4	IT Projects	68.25
5	GSM – MTNL	12.36
6	MNID / NPR	41.46
7	ROs / CCOs / EXPORT	66.76
8	ASCON + Defense	40.56
9	DATA CENTRE	1.85
10	NFS PROJECT	2111.13
11	Misc Products/Repairs & Spares	12.33
12	PCM MUX + E10B	0.16
13	OCB AMC / BSNL / MTNL	31.59
	GRAND TOTAL	2478.33

Human Resources as on 1st July 2015

Officers	2906
Non-Officers	2957
TOTAL	5863

DEAR READERS

We welcome contributions from all our readers and well wishers. Only those contributions that add value to the publication will be accepted. We reserve the right to edit and not to publish the items submitted to us. Please write to pro_crp@itiltd.co.in Deadline for next issue for all contributions is September 30, 2015.

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MoA between ITI & CDAC



With a view to develop solar charge controller unit for telecom application, ITI Ltd and CDAC (Centre for Development of

Advanced Computing) has signed an Memorandum of Understanding on 13th March, 2015 at CDAC office, Trivandrum. The joint proposal by ITI Ltd and CDAC Trivandrum, which is a scientific society of the Ministry of Communications and Information Technology, Govt of India, will develop the unit as a technology development project under NaMPET Ph-II (National Mission on Power Electronics Technology). However, the National Steering Committee of NaMPET Ph-II has approved this proposal for funding through DeitY. The major objectives of the proposal involve the design, development, testing and fabrication of engineered proto units followed by field deployment and evaluation.

Both players have agreed upon completing the project in 12 months and the total budget for the project has been formalised at Rs 63.50 Lakh. Out of which, CDAC-T as nodal centre will contribute an amount of Rs 42.5 Lakh, funded by DeitY, and Rs 21 lakh to be contributed by ITI Ltd towards expenditure associated with components for preparation of site for the field trial of first set of proto units, manpower associated for the development of solar charge controller unit for telecom applications.



The MoU has been signed by Shri K Alagesan, Unit Head- Raebareli plant, ITI and Dr Z V Lakaparampil, Sr Director & Head, CDAC, in the presence of Shri Ramani B, Executive Director, CDAC.