

ANNUAL ACTION PLAN OF TEC (2014-2015)

No.	Item	Division	Remarks
A	Project		
1	Establishment of Security Lab	NGN	Q4
2	Validation of NGN lab for SBC Testing	NGN	Q4
3	Establishment of CPE & Terminal Lab (Receipt of Equipment)	CPE&TL	Q4
4	Establishment of Green Passport lab (Sanction of Project Estimate and preparation of Tender Document)	GP	Q3, Q4
5	Procurement of Power Analyser and integration with concerned Lab(s) for testing energy efficiency of Telecom Equipments (Floating of Tender)	GP	Q3, Q4
6	Establishment of Control lab (Issue of P.O.)	CL	Q4
7	Establishment of Application Lab (Floating of Tender)	AL	Q4
8	Establishment of LTE Lab (Issue of P.O.)	LTE	Q4
9	Establishment of SAR Lab Mumbai (Issue of P.O.)	RTEC Mumbai	Q4
10	Establishment of Test Labs at all RTECs (Floating of tender)	RTEC Delhi, Kolkata,Bengluru, Mumbai	Q4
11	Online Sale of Documents	I	Q4
12	Online Collection of Test Fees	I	Q2
13	LAN Upgradation	I	Q2
14	Establishment of Labs at NTIPRIT	NTIPRIT	Q4
B	GRs/IRs of Network Elements		
(I)	New		
1	Varriable phase Power plant for Rural Telecom	FLA	Q2
2	GR on Database for Telecom Network Applications	I	Q4
3	IR on Ethernet Switches	I	Q2
4	IR on Firewall	I	Q2
5	IR on UTP to Optical Converter	I	Q2
6	IR on DPI	I	Q4
7	IR for SIM	M	Q3
8	IR for USIM	M	Q3
9	IR on Wi-fi Access Point(AP)	N	Q4
10	GR on STM-1 MW equipment in 6GHz band with 28 MHz frequency spacing	R	Q3
11	GR on Satellite WAN optimiser	R	Q1
12	Point to Multipoint Radio system in 3.3 to 3.4 GHz band	R	Q4
13	GR on Radio Access system in 1427-1535 MHz band	R	Q4
14	GR on Telecom Towers	R	Q4
15	GR IP PABX	S	Q4
16	IR on dla	S&D	Q3
17	GR on M2M gateway	S&D	Q4

18	GR Optical Transport Network(OTN) XFP	T	Q2
(II)	Revision		
1	Planning & Maintenance guidelines for SPV	FLA	Q2
2	Planning guidelines for SMPS based power plant	FLA	Q3
3	GR on STM-1 customer premises equipment for access network application	FLA	Q3
4	Interface Requirement between BSNL/MTNL network & private broadband network	FLA	Q1
5	GR on Set Top box(STB) for FTTH	FLA	Q1
6	IR for ADSL2+ for Central Office and remote office application	FLA	Q1
7	GR on IP Based Integrated Media Gateway for NLD/ILD applications-IR/MGW-01/04.OCT.2012	I	Q2
8	GR on Layer -4 IP Switch GR/SA/LSW-02/02 Mar.2011	I	Q4
9	GR for Cell Broadcast System	M	Q3
10	GR for USIM	M	Q3
11	IR on Electronic Telephone Instrument	N	Q2
12	IR on Group 3 Fax machine Card	N	Q2
13	IR for Terminals for connecting to PSTN	N	Q4
14	IR on V.90 Modem	N	Q4
15	GR on 6 GHz ultra High Performance Antenna	R	Q1
16	IR on PABX for PSTN Connectivity	S	Q3
17	IR on Digital Exchange with 2048 Kbit/s interface	S	Q2
18	IR on Switching Node with Network- Network interface at STM-1	S	Q2
19	GR on Optical Fiber Jumper & Adapter	T	Q4
20	GR on 80 Channel DWDM Equipment with ROADM functionality with a channel bit rate upto 10Gbps	T	Q4
21	Remote Fibre Management System	T	Q2
C	GRs/IRs of Measuring Equipment		
(I)	New		
1	GR on Power meter for green passport testing	FLA	Q1
(II)	Revision		
1	GR on Optical Fixed Attenuator	T	Q3
2	GR on Optical Variable Attenuator	T	Q3
D	TS/TPs for GRs/IRs		
1	IR on Set Top box for FTTH, ADSL for Central office	FLA	Q2
2	IR on ADSL2+ for Central Office and remote office application	FLA	Q2
3	Interface Requirement between BSNL/MTNL network & private broadband network	FLA	Q1

4	IR on Radio Modem in ISM Band	N	Q1
5	IR on Wi-fi Data Card(USB)	N	Q3
6	GR on Cordless Phone	N	Q1
G	Study Papers		
1	Automatically switched optical network	FLA	Q3
2	Environment friendly management of e-waste	FLA	Q4
3	Energy Storage Platform	FLA	
4	Testing for Energy efficiency of Telecom Products	GP	Q3
5	Present trends worldwide in ensuring energy efficient Telecom Equipments in different countries	GP	Q4
6	eMS/NMS architecture in current Telecom Networks	I	Q3
7	Interconnect Billing Requirements for IP based Networks	I	Q2
8	Supporting technologies for LTE	LTE	Q1
9	Challenges in LTE deployment in india	LTE	Q2
10	Voice Over LTE (VoLTE)	LTE	Q3
11	Challenges in testing of LTE devices	LTE	Q4
12	HSPA+	M	Q1
13	Supplementary Downlink	M	Q2
14	Security Accreditation Scheme for SIM	M	Q1
15	Relevance of Telecom Accreditation Board in Indian Scenario	M&P	Q3
16	Mobile Radio trunking & its future Roadmap	N	Q2
17	Fuzzing tool for Security testing	NGN	Q2
18	Penetration testing Procedures	NGN	Q2
19	Security issues in M2M communication	NGN	Q4
20	Identity management	NGN	Q4
21	Satellite UMTS	R	Q3
22	Offloading 3G/4G networks with Wi-Fi hotspots and hot zones.	R	Q1
23	IP PABX	S	Q3
24	Lawful interception in multi access technology scenario	S	Q1
25	Instant mobile communications for disaster rescue operation	S&D	Q3
26	PON Testing	T	Q3
27	OTN at Edge	T	Q3
28	Emerging Optical Switching Techniques	T	Q4
29	Fibre Handling (Best Practices)	T	Q2
30	Management of e-Waste	RTEC (ER)	Q1
31	Enviornmental impact of ICT	RTEC (ER)	Q4
32	Viable Power System Design (Solar and Hybrid) for BTSs in Mobile Network in India	RTEC (NR)	Q2
33	Role of SSTP in post MNP scenario and its migration to NGN	RTEC (SR)	Q1
34	NGN Access Networks	RTEC (SR)	Q3
35	LTE:Future of Mobile Broaband Technology	RTEC (WR)	Q2

H	Other Activities		
1	Technical support to DoT	All	Continuous activity
2	Meetings with other Departments/Organisation	All	Continuous activity
3	Participation in NWG meetings under ITU-T Study Groups	All	Continuous activity
4	Core Group meeting on Green Energy	FLA	Continuous activity
5	TEC webiste maintenance and design	I	Continuous activity
6	Maintenance of Internet / Intranet	I	Continuous activity
7	Designation of Indian Labs as CABs/CBs	M&P	Q3
8	Recognition of Indian/Singapore CABs under MRA Scheme	M&P	Q2
9	Defining Certification Procedure for Designated CABs	M&P	Q1
10	Formation of National Telecom Accreditation Board (Finalization of approval in TEC, Approval of DoT, Cabinet Note & Approval & Registration/Appointments)	M&P	Q1,Q2,Q3,Q4
11	CMRTS/PMRTS Licence/ Test Cases	N	As and when received from DoT
12	Testing of Equipments in NGN Lab	NGN	Continuous activity
13	Testing of devices on IPv6 Ready Logo test bed	NGN	Continuous activity
14	Seminar on NGN/Security	NGN/NTIPRIT	
15	Testing & Certification of Telecom Products	NR	Continuous activity
16	Renewal of ISO 9001:2008 for TEC	R	Q3
17	Testing of mobile phones for compliance to SAR limits .	R	Continuous activity
18	TEC News letters	S	Q1,Q2,Q3,Q4
19	"Sancharika" Hindi Magazine	S	Q3
20	Coordination for contribution from TEC side in TEMC	S&MC	Continuous activity

