



E L C I T A

UPDATES ON

Electronics City Industrial Township Authority
2014 -15



Electronics City Industrial Township Authority 2014-15

Karnataka's first industrial township at Electronics City has indeed set the pace for governance and sustainable development in the State. Once again, we salute the captains of industry, and the Government of Karnataka for their vision and far-sightedness that have been instrumental in the creation of this township. It is a pleasure to report on the progress made by ELCITA during the year 2014 -15.

The following accomplishments during 2014-15 and those on the anvil by the model township will improve the quality of life of 1.5 lakh employees in E-City .

A. Governance

1. Systems & Processes:

- a. ELCITA Process Handbook implemented.
- b. Strong processes for Financial Governance have been implemented which include processes for Budgeting, Reporting, Investment Planning, Internal Controls and Audits.
- c. The Governance model detailed in the Karnataka Municipalities Act has been adopted with minor modifications.
- d. A strong process to finalize annual taxes and levies has been implemented. The budget and expenditure of ELCITA are published in ELCITA website www.elcita.in. Members can view all expenditures date-wise and cheque-wise on the website.
- e. A "Paperless Office" has been implemented for approvals, collection of taxes, trade license, water billing, etc.
- f. All procurements are through the GoK E-procurement portal.
- g. RTI related documents have been made available in the ELCITA website.

2. On-going Operations:

- a. 30 per cent of thus collected property tax is credited to the respective local panchayats on quarterly basis.
- b. Applicable cess is also being collected and credited to respective departments – Library, Transportation, Health & Beggary. Rs. 3 Cr cess has been deposited by ELCITA to these departments in less than two years.
- c. A total of 26 Khatas and 13 Trade licenses were issued in 2014-15.

3. Customer Communication

- a. An online Complaint Management System “LISTEN” has been implemented to record grievances / complaints and track status.
- b. A Citizen Charter has been posted on the ELCITA website for members to understand and be conversant with ELCITA procedures.
- c. The launch of the ELCITA Monthly newsletter to keep all stakeholders informed of initiatives and progress in a timely fashion.

B. Town Planning

- a. ELCITA has adopted BDA Bye laws with minor modifications for the purpose of Town Planning.
- b. 10 Building approvals and Occupancy Certificates and 4 Commencement Certificates have been issued in 2014-15.
- c. Inputs from the Traffic and Water Sustainability studies conducted by ELCIA are under consideration to draw up detailed implementation plans.

1. Estate Management

- a. Roads, Drains, Pavement Development and Maintenance
 - i. ELCITA has asphalted around 8 kms of roads in the township using 60/70 grade bitumen
 - ii. 3 Km of pavements have been revamped.





Repainted Kerb Stones and the Pavement

- iii. 11 km of kerb stones have been repainted.
- iv. RCC Slab Culverts have been constructed in a few places.
- v. Widening of Pump house road.
- vi. Edgeverve and Hical junctions improvement by Infosys.

2. House Keeping

- i. A trained and efficient housekeeping team ensures the estate is clean every day. The team also works on creating awareness among the citizens of the township.
- ii. Leaves and waste are segregated and converted into compost.





3. Water Infra and Distribution Management

- i. ELCITA supplies water to the industries through Pipeline and Tankers and we are pleased to report that the loss in distribution is less than 4 per cent.

4. Creation of New Infrastructure

- i. 4 Public E-Toilets have been commissioned across the estate.

5. Street Light Management

- i. ELCITA ensures a well-lit estate through regular monitoring.
- ii. Fused bulbs are being replaced by LEDs and faulty cables are being replaced where required. 900 acres of Electronics City consist of 439 street lights. We have changed 20 normal street lights to LEDs.

6. Miscellaneous Works

- i. Old and damaged RCC chamber cover slabs with RCC slab with checkered plate for improving ease of pedestrian movement at various places.
- ii. 400 Street Dogs were caught and sterilized to curtail dog menace in E-City.
- iii. Infosys supported our infrastructure improvement initiatives by increasing the turning radius for better vehicular movement between Infosys Gate 3 and the Siemens junction.



C. Sustainability and Environment:

ELCITA, with a vision to lead in the conservation of natural resources, has a three pronged strategy in place that includes:

- a. Strengthen 'Green-power' alternatives for the estate and ensure all member companies have strategies and actions for renewable energy by 2015.
- b. Reduce fresh water consumption by 5 per cent year-on-year.
- c. Reuse treated water for 'non-touch' purposes.
- d. Implement 'zero waste to landfill' strategy for the estate and neighbouring communities by 2015.

1. Energy

- i. ELCIA has set up a 'model' solar power plant that supports the energy requirements of the ELCIA building as a demo facility for members to learn from.
- ii. ELCITA has organized multiple workshops and seminars to promote awareness on green power among members.

2. Water

- i. A 300 KLD STP is being set up (expected to be completed by December 2015) for the industrial estate.
- ii. Currently 'grey' water from smaller companies is transported by ELCITA to STP's located in the estates of larger companies for treatment.
- iii. 30 rainwater harvesting and deep well recharging facilities have been implemented.
- iv. A drive was organized to recharge bore wells and avoid new bore wells.



3. Solid Waste Management

- i. ELCITA has issued 2 notifications vide no. ELCITA Notification/006/2013 -14 dt. 2nd Jan 2014 & ELCITA Notification/007/2015 -16 dt. 16th March 2015 making it mandatory for segregation of waste at source and a ban on disposable items.
- ii. ELCITA has set up a waste management center for secondary segregation of 2 tons of waste from around 50 small and medium companies.

[Download Solid Waste Management manual.](#)

4. E-Waste Management

- i. A study on E-Waste management is underway and the findings will be implemented.
- ii. Audit team to be in place to check whether the waste is recycled as per guidelines.

5. Tree Management

- i. The variety in flora is maintained to ensure the variety of fauna in the township is eco-friendly. The estate boasts over 3000 trees.



Better Transport and Connectivity

D. Security, Traffic & Transport

1. Security

- a) Security & Traffic Safety Month “Surakshaa” was observed between Dec 15 – Jan 15. The program included awareness sessions on various relevant areas.
- b) The CISF together with the local police and company security teams ensure a safe and secure industrial estate.
- c) ELCITA has drawn up a comprehensive Disaster Management Plan for Electronics City.
- d) ELCITA has set up a robust new cable network for cameras across the estate.

2. Traffic

- e) Various initiatives have been undertaken to ensure smooth and uninterrupted flow of traffic within Electronics City in partnership with Bangalore City Traffic Police. These will be ongoing.
- f) The road from Paramount Junction to Café Corner in Electronics City West Phase was declared one-way from 05.00 p.m. to 07.30 p.m. effective from 1st May 2015. This arrangement has been made to ensure smooth flow of traffic inside Electronics City during peak hours.

3. Transport

- g) A strong partnership with BMTC has ensured 3010 trips and 355 buses to E-City serving more than 3 lakh commuters.
- h) The BMTC is running 32 trips on NICE road every day from various destinations of Bangalore City to E-City.
- i) Shuttle services by BMTC within Electronics City have been introduced successfully.

Other Initiatives

- j) A Workshop on Cyber Crimes, Cyber Security and Data Protection was held on 20.05.2014 from 1000 hours to 1300 hours at ELCIA Board Room. Senior Police Officer from Karnataka Police,

Director from Data Security Council of India (DSCI) and Senior Manager from Forensics, DSCI were the panellists. Security Heads of industries in Electronics City attended the workshop.

k) July 2014 – Combined Mock Drill in Infosys was conducted.

l) Mock Drill on Bomb Threat Contingency was conducted on 31.10.2014 at 1100 hours at HP, Electronics City West Phase by CISF, involving all concerned agencies. The main purpose of the exercise was to check the operational preparedness and to attain role clarity of all the agencies. One important objective was also to educate different companies located in E-City about the role and action that is expected of them during such contingencies.

Pre-briefing for the above Mock Drill was scheduled on 30.10.2014 at 1100 hrs in ELCIA Board Room. During the Pre-briefing the following were covered:

i) Role of company would be clarified during such type of contingency.

ii) Action required by concerned company if such type of contingency occurs in their area.

m) A Lecture and Demonstration on equipment used by National Disaster Response Force (NDRF) was conducted on 13.01.2015 from 1100 hours to 1200 hours at ELCIA Board Room by NDRF team. Security Heads along with Emergency Response Team (ERT) members of industries in Electronics City attended the Lecture and Demonstration.

Govt. of India has raised National Disaster Response Force (NDRF) to deal with Natural Disasters, Nuclear, Biological and Chemical Disasters. A team of NDRF is located in Bangalore to deal with any such disasters in Bangalore City.

n) Session on Anti-Terrorism and Cyber Security – As part of ELCITA's Security and Safety month, two interactive sessions to discuss Anti Terrorism measures and Cyber Security were held on 19.01.2015 at MC Hall, Building 1, Infosys Campus from 10:30 AM to 13:30 PM. These sessions were led by experts in their respective fields – Major General Arjun Muthanna, Director, Police Centre for Counter Terrorism, Govt. of Karnataka and Mr. Venkatesh Murthy and team from Cyber Crime at Data Security Council of India (DSCI). Members from the industries in Electronics City participated in the sessions.

o) A presentation on Road Safety was organized at ELCIA Board Room on 16.01.2015 from 14:00 PM to 14:45 PM for the employees of Electronics City. The Presentation was given by the Manager of Volvo Company. Employees from the member industries attended the presentation.

p) Security Personnel Trained under CISF - The duration of the course was for three days i.e. From 02.03.2015 to 04.03.2015. The daily training schedule was divided into two sessions - morning session from 1000 hrs to 1300 hrs and afternoon session from 1400 hrs to 1700 hrs. Venue: CISF Command Centre (Near Infosys Gate No.4). 33 senior level Security personnel from the industries in Electronics City attended the training.

The purpose of this training was that the trained personnel would be in a position to support CISF during contingencies (providing intelligence and to support CISF during operations) when they are required to operate in various estates / company premises.

- q) A 2-day Training on Fire Fighting and Fire Prevention for employees of industries located in Electronics City was conducted by Karnataka Fire and Emergency Academy on 22nd and 23rd September 2014 at ELCIA Board Room. 48 employees attended the session.

On the Anvil

A. Governance

- a) On line Building approval, CRM, Video Conferencing Facility.
- b) Linking of e-Governance data with spatial data.

B. Town Planning

- a) Complete survey of the entire 900 acres to make available digital data of all utilities and infrastructure and buildings.

C. Estate Management

- a) Setting up of 300 KLD STP which will help small and medium companies who do not have STPs.
- b) Underground sewage line in cluster 2&3 to transport waste water to STP.
- c) Road and permanent works on Tech Mahindra road, TCS, interior roads.
- d) Widening of Wipro Avenue and improvement of Wipro, BHEL, RS junctions.
- e) 10 Km of road and permanent works planned.
- f) Rain water harvesting and STP in fire station.
- g) Additional e-Toilets.
- h) Proactive maintenance works.

D. Sustainability and Environment

- i) Enhance waste management facility.
- j) Setting up of e-waste management facility.
- k) Upgradation of street lighting – LED and SMART lighting.
- l) Wireless water data collection for sustainable water management.

E. Security and Traffic

- a) Enhanced surveillance using additional camera network and analytics.
- b) Deployment of CISF for the East Phase.
- c) Setting up of e-FIR kiosk.
- d) Setting up of e-Auto Kiosks.
- e) Partnering with BMTC for improved transport arrangement for employees.
- f) Work with BMRCL to expedite Metro to E-City.
- g) Use of rail connectivity to E-City
- h) Regulation of private operators.

An exciting journey ahead includes facilitating the economic development of Electronics City in partnership with ELCIA. This, we believe, will provide the required fillip to the medium, small and micro industries engaged in manufacturing.

All this would not have been possible without expert guidance from all the members of ELCITA Committee and ELCITA Sub-committee. In particular, we thank Mr. Rajagoplan T.S, Chairman - Town Planning Committee, Mr. Ramamoorthy Subramaniam, Co-Chair - Town Planning, Mr. Bhawesh, Chairman - Estate Committee and Mr. Lingaraj Dinni, Sustainability Committee.





E L C I T A

Electronics City Industrial Township Authority
7(P) ELCIA Complex, West Phase, Electronics City, Bangalore – 560 100.
Tel: 080-4660 2222 / 080-2852 8333/334/335, Fax: 080-2852 8335
www.elcita.in