



**G.H.PATEL COLLEGE OF ENGINEERING & TECHNOLOGY,
Vallabh Vidyanagar**



**Department of Electronics and Communication
Engineering**



INDUSTRIAL VISIT REPORT

NAME OF THE INDUSTRY: EQDC GANDHINAGAR

DATE: 12th, FEBRUARY, 2018

VENUE: PLOT NO. B-23/2, EQDC CIRCLE, ELECTRONICS ESTATE,
G.I.D.C., SECTOR – 25, GANDHINAGAR – 382024.

NO. OF STUDENTS PARTICIPATED: 43(Second Year EC Students)

FACULTY MEMBERS: 03

Prof. Rohit Parmar

Prof. Ashish Christian

Prof. Falgun Thakkar

Objectives of Industrial are to enhance the knowledge of students, to make aware of real industry, to know the persons of industry and what is the working role of the person in the industry.

One day industry visit to EQDC was organized was organized by Electronics & Communication Engineering Department, GCET for their 1st -semester students as a part of Industrial visit activity. The visit was planned for making observations in the desired framework of the study.

Popularly known as **EQDC** (Electronics & Quality Development Centre) established, by Govt. of Gujarat. & under STQC (Standardization Testing and Quality Certification) Programme, Dept. of Electronics and Information Technology, Ministry of Communication & Information Technology, Govt. of India working in the state of Gujarat.

With primary objective at the time of EQDC's inception – “Helping electronics industries in the Electronics Estate, GIDC, Gandhinagar, Gujarat”, it has widened its vision “To provide world class services in Calibration, Testing and Training in Quality awareness”. This has resulted in to its image of Laboratory of National repute, and Nation wide customer base.

With mission “To be key facilitator in making industries / organizations and users, to achieve their quality products/processes by meeting compliance to National and International standards and compete globally, by providing calibration, Testing and Quality services”. EQDC has scaled new heights in terms of Calibration, Testing facilities/ infrastructure & turn over.

The initial turn over for the year 1999-2000 was Rs 19 Lac, which now has touched Rs 4.2 Cr for the year 2009-2010.

This has been possible with committed work force, which could be teamed up during EQDCs vibrant leadership.

The testing of various products and systems to assure the quality, safety, and security is a measurement assurance practice, to verify the compliance to the international and national specifications.

Keeping in view the need, EQDC has established independent third party testing laboratories to provide the assistance to industry and other organizations in this area. The testing of electronics and electrical and software components, modules, products, sub systems and integrated systems can be undertaken by EQDC laboratories. The partial specification, full specification testing and developmental assistance testing services are carried out as per the requirement of user / customer / manufacturer at EQDC laboratories.

Electronics and Electrical Testing

- Component Testing
- Equipment System Testing
- Industrial Equipment
- Medical Equipment
- Environmental Testing
- Safety Testing
- EMI/EMC Testing
- Opto Electronics Testing
- Solar PV Testing
- Battery Testing Laboratory

Software and System Testing

- Software Testing and Assessment
- Software Process Assessment
- Information Security Testing and Assessment

On the morning of 24th Feb 2018. We all are gathered around 8:15 at GCET campus and from where we started our industrial visit. Transportation was provided by college Around 10:30 we reached at our first destination which was EQDC (Electronic Quality Development Center).

Deepak Chaudhary who was quality manager of EQDC gave us brief introduction of their chairperson leading three center in Training facility on first floor. He shared his knowledge why and how they work.

They have 78 certificates for calibration, BIS process and many more domains are covered. We were divided in 3 groups. First of all our group went to the ground floor there was pump testing lab then we moved further we saw many labs like ENV Testing lab, Vibration lab, IP testing lab all the labs were having high quality of testing machine. On the second floor there was calibration lab and on the 3rd floor there were test equipment and CT-PT lab.

All the labs were having highly calibrated machine to test the electronic products weather it fulfilled all the parameters as mentioned in BIS.

We are thankful to the institute & company management for providing all facilities and generous support.

This visit was organized in association with ISTE GCET Student Branch.

PHOTOGRAPHS





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