

ITI Limited Starts Telecom Testing Center in Bengaluru

- The center consists of four labs namely EMI/EMC Lab, Safety Lab, Specific Absorption Rate (SAR) Lab and Security lab
- The new facility enables testing of telecom products and equipment and ensures security in digital communications

To enable safety and security of telecom equipment in the country, a new telecom testing facility was inaugurated by Ms. Anuradha Mitra, Member-Finance, Department of Telecommunications, Government of India recently at ITI Bangalore Plant, Bengaluru.

ITI has set up these Testing Labs in collaboration with DoT's National Digital Communications Policy, making mandatory testing, validation and security certification of various network elements of Telecom network to protect, secure and make it less vulnerable from internal and external threats. These Labs have the capacity to test and certify the network elements as per National & International Standards.

Inaugurating the two labs of Telecom Testing Center at Bangalore Plant, Ms. Anuradha Mitra said, "The state-of-art facility for telecom equipment testing will enable ITI in offering testing services to various equipment manufacturers. These labs will not only strengthen the telecom testing ecosystem in the country but also serve in enhancing the user experience through better quality services."

Out of four labs, Electromagnetic Compatibility (EMC)/ Electromagnetic Interference (EMI) and Safety Lab have been commissioned by the Government.

Highlighting the importance of Telecom Testing Center, Mr. K. Alagesan, CMD, ITI Limited said, "This initiative, in support with



Ms. Anuradha Mitra, Member Finance, DoT inaugurating the Telecom Testing Facility.

DoT will witness a new era of telecom equipment testing and supplement make in India program of Government of India."

The foundation stone of testing labs was laid by Hon'ble Minister of Communications (Independent charge) & Minister of State of Railways, Mr. Manoj Sinha in the presence of Telecom Secretary Mr. Aruna Sundararajan on 2nd September, 2018.

Mr. R. M. Agarwal, Director, Marketing, ITI Limited also spoke on the occasion. The commercial services for EMI/EMC Testing and Safety Testing for Pre-compliance and Certification will commence from March 2019. The other two labs SAR testing Lab and Telecom Security Testing Lab are expected to be operational from July 2019.

Key Features of Testing Center

- Testing the security of all types of IP and telecom / ICT equipment in access, transport, control and application layers of wireless and wireline domain being deployed in the telecom network e.g. NGN, IMS, LTE etc.
- Testing of various End User Devices such as mobile handset, dongles and CPE devices such as Residential Gateways, LTE- CPE devices with Wi-Fi interfaces etc.
- Conformance of telecom equipment against the security requirements/standards/specifications prescribed by DoT before deploying them into the network.