

LAPTIAN TECHNICAL INSTITUTE PUNE

WORK, LEARN, GROW, ONLINE ANYTIME, ANYWHERE

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Certified with ISO 9001-2015, Laptian Technical Institute is now turning out as one of the fastest growing computer training institutes in the area of computer hardware repairing and laptop chip level repairing

MODULE-1

In this module, you will learn from very basic about desktop and laptop training with 100% practical. This module makes understanding desktop repairing easier and interesting; this module is for those who do not have an electronics background. The only reason behind this is that you become familiar with electronic components and circuits so that it is easy to do advance chip level training.

Basic Electronics introduction

Introduction to Linear Electronics, Definition of Current, Voltage and their measuring units, Types of Materials, Types of Signals (Analog & Digital), Series & Parallel circuit, Current directions and Problems based on basic electronics. Ohm's law, Types of digital IC's and function, concept of logic

Analog Electronics Components

Study of basic circuit elements and passive components (with special reference to symbols, Denoting Letter, Function, types, specifications and applications) - According to Real Shape On Mother Board Both SMD & DIP Type, Fault Finding by SMD Tester & Digital Multimeter.

- Resister
- Capacitor polar, non-polar
- Inductor/ Coil
- Diode
- Bipolar Junction Transistor (BJT)
- Crystal, RTC
- FET, MOSFET

For identifying the exact problem it is necessary to have complete knowledge of circuit diagram according to real shape, IC chip function, and testing of electronic components, we get excited once we see that our training techniques generate more results for your business.

MODULE-2

Computer Basic Repairing Course

Take advantage of customized, flexible and risk-free training and learn the following:

- Block diagram & detailed study of motherboard
- Study of all parts of a computer
- Study of IC and chips on the motherboard
- Assembling and disassembling of computers
- Desoldering and soldering practice
- Installing operating system
- Software and driver installation
- Common problems & tips for repairing of motherboard
- Detail about testing point
- Washing and Cleaning of Motherboard
- Faulty and ok component Testing practice
- Latest tools and their application

MODULE-3

Computer Chip Level repairing course:

We focus on all the relevant hardware subjects along with the latest circuit diagrams, IC chip details and service manuals, etc... to enhance your skill sets. Our computer training center provides you basic to advance computer motherboard Chip Level Training

- Supply sequence
- CPU supply, chip function and solution
- RAM supply problem and solution
- GMCH, ICH, PCH, supply and chip function
- Step down supply and function
- Clock and RTC function
- USB, SATA problem and solution
- Audio, LAN, BGA problem and solution
- BIOS pin function
- BIOS programming
- SMPS supply details

MODULE-4

You will also learn about the following Advance Testing's and Repairing Tools:

- CRO practical
- Universal bios programmer
- SMD component tester

- Diagnostic card error
- CPU socket error
- SMPS tester
- Frequency tester

Laptian will provide you the following certificate, documents and support after the successful completion of the course:

- Certificate (to be given after the course completion)
- Lifetime technical support
- Course videos
- Real-time practical training
- List of IC with the use of different types of IC
- 100% business and Job support
- Market details and shops reference for your convenience
- List of common instruments required for service center

Join us For Complete and Structured Courses

Our training modules are designed and structured to benefit college pass out students, job seekers, self-employed people, computer engineers, and others, but from across the country.