

LAPTOP CHIP LEVEL REPAIRING TRAINING COURSE CONTENT

• MODULE C1 : COMPUTER BASIC HARDWARE (for freshers):

In This Course Module, You Will Learn:

- Basics of computer hardware, parts identify , formatting partition, assemble,
- Student can assemble and troubleshoot computer component level after course

• C1 : BASIC COMPUTER HARDWARE TRAINING (SHORT)

- 1 **Basics Of Electronics** (AC,dc, volt ampear, multemeter used, measurement)
- 2 **Fundamentals Of Computer**(Defination,generation, classification, anatomy, input, output)
- 3 **Computer Assemble & Parts Identify** (smmps, cabinet, board, storage, cpu , board)
- 4 **Smmps :** (types, pindetail, 12v, 5v, 3.3v pson, pgood, standby)
- 5 **Motherboard & Cpu** (types, block diagram, chip identify, north, south , io, lan, vga, agp etc)
- 6 **Hard Disk & Cd/Dvd** (STATA, PATA, size type, internal parts, spindle, motor , head ,vcm)
- 7 **Monitor /Lcd /Led** (working idea of lcd, basic problems of lcd, monitor)
- 8 **Ram :** (types of RAM , DDR1, DDR2, DDR3 , DDR4 , different volt)
- 9 **Printer Basic Ideas:** (Types , DMP, LASER, INKJET, ALLINONE , changing cartage)
- 10 **Types Of Cards** (agp, graphics,, lan, vga , usb)
- 11 **Basic Operating System:** (types, single , multi user, booting process, bios setting)
- 12 **Installing Os & Drivers**(format , windows installation, driver installation)
- 13 **Windows Operating Systems** (basic used, device manager, control panel, dos cmd, config)
- 14 **Virus, Antivirus, Internet, Settings** (antivirus software, internet connection, use of internet)
- 15 **Troubleshooting Of Computers** (msconfig, repair, NTLR missing, file missing)
- 16 **Basic Networking Concept:** (types of network, cabling, cripting, ip address, sub netting, sharting files, printer)