JP TECH INSTITUTE

Reg No. 1144

An institute for developing skills

ISO : 9001-2015

COMPUTER HARDWARE NETWORKING & MOBILE REPAIRING COURSE
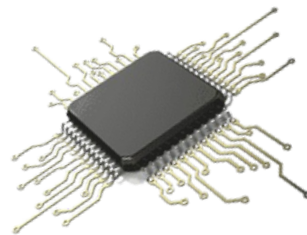
EXPERT IN

- HARDWARE
- ANDRIOD REAPAIRING
- NETWORKING

CALL NOW

+91 7417301332

Computer Hardware

- Basic Electronics

- Introduction of (Volt, current, Watt, Ohms)

- Introduction of (AC/DC)

- How to Use Digital Multimeter

- Identification of Electronics Components

- Resistor

- Capacitor

- Diode

- Transistor

- Coil

- Mosfet

- IC / Chip

- Transformer

- Crystal

- Fuse

- Thermistor

- Soldering & De-Soldering Practice

- Tracing of Laptop and Desktop Motherboard

- Assembling & Disaasembling

- SMPS Repairing

- Adaptor / Charger Repairing

- Faults Finding and Onboard Solution

- Schematic Diagram Concept of Motherboard

- Advance Level Repairing with Machine

Networking

- ➤ Introduction to computer networks
- ➤ Network Topologies
- ➤ Introduction to Data Communication
- ➤ Network Componets
- ➤ Protocol
- ➤ Components of Computer Network
- ➤ Crimping and Punching
- ➤ Cabling
- ➤ Install and configure a network
- ➤ Configuration of Data Communication Equipment

Windows Installation

- ➤ Windows
- ➤ Concept of GUI
- ➤ Desktop
- ➤ Icons
- ➤ Properties of files and folders
- ➤ Executing application programs
- ➤ Properties of connected devices
- ➤ Application under windows accessories
- ➤ Windows Help
- ➤ Search features
- ➤ Control panel
- ➤ Installation of devices
- ➤ Connecting computers with Network with Drop cable and using Wi-Fi configuration
- ➤ Basic Programmable switch configuration
- ➤ IP Routing Process
- ➤ Verifying Configuration
- ➤ IP Addressing and TCP/IP
- ➤ Ip Addressing Techniques(IP4/IP6) and Subnetting and Supernetting the network
- ➤ Installation and Configuration of TCP/IP Protocol
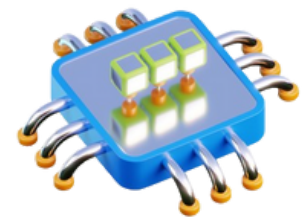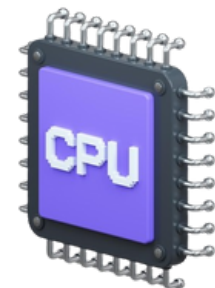- ➤ Practice TCP/IP Utilitis

Android Master

Practical Session

➤ Explain about all Professional Repairing Tools

➤ Handling Hot Air Gun Station
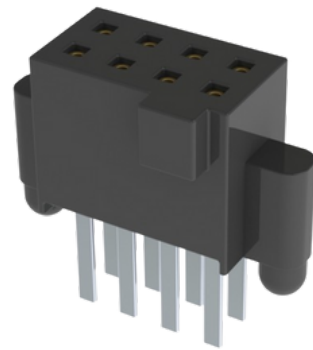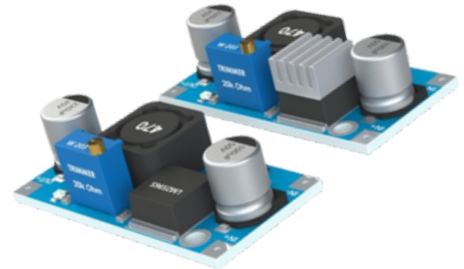
Handling Soldering Iron Station

➤ Understanding of Hot Air Temperature Control.

➤ Removing/Reballing/Reinstalling Glued IC (White/Black)

➤ CPU Drilling Safest Way

➤ Double Dakar IC All Process

➤ Repair Damage/Broken Motherboard Pads

➤ Handling Small components by Hot Air Gun & Soldering Station

➤ Micro jumper Underlayers

➤ Swapping

➤ Plastic Connectors, Hybrid Sim Sockets etc

➤ Explain About Lazer Mode

➤ How to Change Type C Charging Jack

➤ How to Repair Damage Lcd Flex

Android Master

Basic Electronics & Tracing

➤ Electronics Components Knowledge & Working

➤ Charging Section Type & Deep Functional Knowledge

➤ Explain About Voltage Divider Circuit

➤ Explain About Primary, VPH & Secondary Line

➤ Diagnose Leakage & Short Circuit

➤ Explain About
• Buck Circuit • LdaCircuit • Boast Circuit

➤ Power Boot Sequence & Working Command

➤ Protocols & their Functions

➤ Light Section & Their Functions

➤ Graphic Section & Their Functions

➤ Touch Section & Their Troubleshooting

➤ Network Section & its Functional Operation

➤ Sim Card & Memory Card Problem

➤ Sensors & its Troubleshooting

➤ WI-FI/BT/GPS Section Explain &Troubleshooting

➤ Camera Section Explain & Troubleshooting

Android Master

Software Session

(Odin, SP Flash, QPST, Mi Flash Tool)

Dongle Uses Knowledge

(UMT PRO, MRT, Infinity CM2, Infinity Best, Unlock Tool)

All EMMC / EMCP/ Related issue Full Knowledge Via

UFI & EASY JTAG

Dead Boot Dump

Re-Programming

Removing Bad Sectors from EMMC

Data Recovery From Corrupted and Damaged EMMC

90% Consume error Fix

Only Com Port Show Error fix

EMMC / EMCP/ Change Process

Mother Board Swapping Proper Process

UFS Chip Re-Programming

UFS Dead Boot Repair

UFS Chip All Type Unlocking

1 Click All Type Of Lock Remove

4 Ways for Removing SAMSUNG FRP

Iphone Flashing & Data Backup

Iphone Jail Breaking

Data Transfer Iphone to Android and Vice Versa