JP TECH INSTITUTE

AN INSTITUTE FOR DEVELOPING SKILL

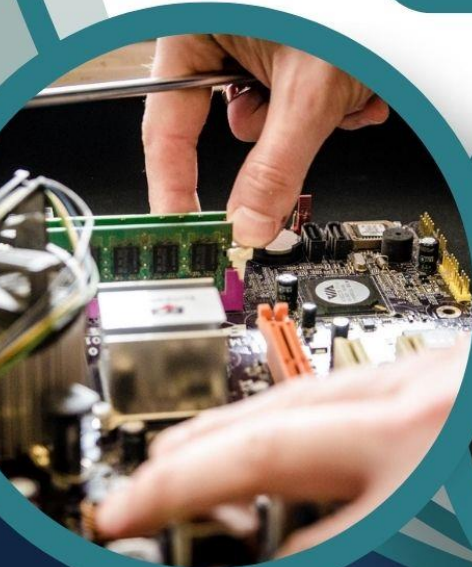JP TECH INSTITUTE

ISO:9001-2015

ANDROID
MASTER

Our Android SmartPhone Repairing Basic Course is designed to provide students with the skills and knowledge necessary to diagnose and repair a wide range of Android phone issues. The course covers topics such as, how to troubleshoot and replace basic parts such as LCDs, Batteries, Cameras, Charging Connectors, Different types of Tempered Glass, etc.

REPAIRING COURSE

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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.

❑ Plastic Connectors, Hybrid Sim Sockets etc.

❑ Swapping.

❑ Explain About Lazer Mode.

❑ How to Change Type C Charging Jack

❑ How to Repair Damage Lcd Flex

Basic Electronics & Tracing

Electronics Components Knowledge & Working

❑ How To Use –

- Multimeter
- Dso
- Logic Analyzer

❑ **Charging Section Type & Deep Functional Knowledge**

- Analog Charging
- Digital Charging
- Type C Jack Configuration
- Fast Charging
- Wireless Charging etc.

❑ **Explain About Voltage Divider Circuit**

❑ **Explain About Primary, VPH & Secondary Line**

❑ **Diagnose Leakage & Short Circuit By**

- DC Power Supply
- Thermal Cam
- Short Killer

❑ **Explain About**

- Buck Circuit
- Lda Circuit
- Boast Circuit

❑ **Power Boot Sequence & Working Command**

❑ **Protocols & their Functions**

- I2C
- 12S
- SPMI
- RFFE

Basic Electronics & Tracing

❑ **Light Section & Their Functions**

▪ Analog Light Section

▪ Digital Light Section

▪ Amoled Light Section

▪ Super Analog Light Section

❑ **Graphic Section & Their Functions**

• PMI Based

• Separate Graphic IC

❑ **Touch Section & Their Troubleshooting**

❑ **Network Section & its Functional Operation**

• No Service

• Emergency Call

• Radio OFF

• Low Network

• 2G Network Coming But 4G Not Coming

❑ **Sim Card & Memory Card Problem**

❑ **Sensors & its Troubleshooting**

• Hall Sensor

• Fingerprint Sensor

• Magnetic Sensor

• Gyro Sensor

• Proximity Sensor

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

❑ Camera Section Explain & Troubleshooting

Software Session

SOFTWARE FREE TOOL USES KNOWLEDGE

- (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 Eerror 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