

MOBILE PHONE HARDWARE REPAIR TECHNICIAN

Hardware Syllabus

Card Level Cell Phone Repair Training

1. Use of various Tools and Equipment's.
2. Disassembling and Assembly of various phone.
3. Hands on practical Training in Mobile Hardware.

A) Port Connector Replacement

1. Speaker
2. Ringer
3. Display
4. Microphone
5. Vibrator
6. Charger connector
7. Display connector
8. USB Connector
9. On-off switch
10. Using DC Power Supply Machine, SMD (Surface Mounting Dives), Soldier Gun, Da -Di (Ultrasonic Machine, Battery Booster (Zatka).

B) Tray Replacements

1. SIM slot
2. MMC slot

C) Glass Panel Replacements

Touchpad Removing using LCD Disassemble Machine

D) Combo Unit Replacements

Remove Touchpad and Display Spatter

E) IC Replacing and Rebellng

One Layer, Double Layer, LGA,BGA, PGARemoving and Rebellng

F) SMD Component Replacement.

All Electronics SMD Component checking and Removing

4. Testing of Micro-components using Multi meter.
5. Basic of Electronics and Testing practical.
6. The working of various chips and part on the PCB.
7. Types of Touchpad and various Displays with practical Removing and Replacing.
8. Smartphone Hard Reset and Soft Reset.
9. Android, Mac, and Windows Secret codes.
10. How to Work mobile phone, communication and mobile History.
11. Mobile phone Dead problem and Solution.
12. Types of sensors in Smartphone.
13. Troubleshooting and fault finding in Smartphone.

Chips Level Cell Phone Repair Training

1. Hands on practical for Jumping.
A) Point to Point. B) Capacitor to Capacitor C) Track to Track.
E) Track to Capacitor. F) Track to point. G) Capacitor to Point.
2. Jumpering for sim slots track and sim IC.
3. Charging Diagram, solution for charging using jumper.
4. Broken or missing track jumpering for speaker Ringer, Vibrator, Microphone.
5. Solution of Display, Keypad black light using.
6. Multimedia Memory Card Slot track broken or not detect memory card solution using jumpering.
7. Headphone connector jumpering.
8. Introduction and function of IC'S on the circuit and IC'S jumpering.
9. Rules of IC Replacement and Rebellling with practical.
10. Soft skill and communication skill.
11. Trick for using Android phone, I Phone, and various type of using apps.

SOFTWARE SYLLABUS

With Hardware Box flashing

1. UFS-T (Universal flashing software Turbo)

A) Setup installation for Box.

B) Flashing Unlocking mobile and Tablet for Nokia and Samsung.

C) Android Flashing and Unlock

1. Alcatel, 2. Asus 3. HTC, 3. Huawei. 4. Lenovo, 5. LG

6. Micromax 7. Motorola 8. MTK 9. Nokia 10. QC

11. Samsung 12. Sony 13. SPRD 14. OPPO 15. Xiami

2. Z3X Box for all types of Samsung phone.

A) Used for setup installation

B) Mobile Drive installation.

C) Mobile formatting.

D) Rooting.

5. Repair IMEI, Baseband, Bluetooth ID.

3. Miracle Box

1. All Android Flashing Unlocking FRP Read Pattern Lock.

4. UMT (Ultimate Mobile Tool)

Repair IMEI Unlock FRP

Without Box and Online Flashing

1. Samsung android Flashing with Odin Tool
2. SP (Smart Phone Flash) Tool.
3. Upgraded Flash Tool.
4. YGDP Flasher Tool (CPB)Coolpad Dives.
5. Android Phone IMEI repair Tool.
 - A) IMEI AND SN (Serial Number) writer Tool
 - B) Maui Meta 3G Tool. C)SPD IMEI Repair Tool
 - D)RDA IMEI Repair Tool
6. Android Phone IMEI repair with Engineering Mode Code.
7. All Samsung FRP LOCK BYPASS& Unlock Gmail Account.
8. Andriod FRP Lock Bypass Tool
 - A) DC-Unlocker.B) SamsungFRPHijacker.
 - C)MI Account Unlock Tool D) LG Bypass Tool v1.0.4
9. Sony XperiaFlashing and Unlocking with Sony Pc Companion.
10. Blackberry Flashing and Unlocking.
11. Data Backup for IOS and Android Phone &Enable USB debugging android phone
12. Computer Monitoring and Remote Access Software
 - A) TeamViewer B) Aeroadmin C) Remote PC
13. iPhone Flashing Online and Offline.
14. How to make RX TX Cable 3 Method.
15. ASUS Flash & Unlock.
16. LG Flash Tool & Unlock.
17. MOTO Auto Flash Tool.
18. MI Flashing Tool.
19. OPPO Customer Service Tool.
20. Using Creak Setup
 - A) Z3X Pro27.2
 - C) Volcano Tool V2.2.9
 - E) UMT Box GSM Crack 1.3
 - G) Infinity Box CM2 Samsung.
 - I) Infinity Best V2.15 Nokia Flasher
 - K) ATF Crack Without Key.
 - B) Miracle Box 2.27A
 - D) Merapi Tool
 - F) Octoplus Samsung Tool 1.6.5
 - H) RBSof Mobile Tool V1.6
 - J) Miracle Falcon Box.
21. More Software Tips and Trick.