

# **AKINFO Institute**

## **Mobile Repair Course Syllabus**

### **Basic & Chip Level Course Training**

- GSM & CDMA Mobile Phone Structure
- frequency & channels
- Chip Level Soldering & de-soldering using all tools
- Overview of Electronic Components & Advanced Tools
- Fault finding of Wi-Fi, SIM & IMEI numbers Problems.
- Know about Flashing, Formatting, backup & restore related problems
- GPRS, Bluetooth & infrared

### **Basic Electronics & Hardware Repairing**

- Introduction to electronics
- charge/voltage/ types of current
- components identification, test and working
- Basic tips for hardware repair
- Circuit Diagram Reading
- GSM/ CDMA troubleshooting
- Practically repairing using tools & machines
- Chinese mobile phone troubleshooting
- Introduction to 4 G technology, Advanced smartphone repair course

### **Introduction to Mobile Smartphone's**

- Blackberry Technologies
- I phone Technologies
- windows Phone
- Fault & Finding
- GPRS & Wi-Fi System
- Assembling & disassembling a mobile phone
- Smartphone hardware troubleshooting with a circuit chart

### **Software Repairing of Mobiles**

- Introduction to basic computer/ computer operating
- Different Driver Installation
- Repairing with coding
- Unlocking-User Lock, SIM & Country Lock
- IMEI Number Repairing

- Unlocking Blackberry & Android Mobile
- Application Software Training

## **Mobile Advanced & Basic Troubleshooting or Training Classes**

- Remove & fix mobile speaker & ringer
- Repair & tracing battery connector supply
- Charging/discharging problem solution
- Fingerprint-related problem solution
- Remove & fix mobile charging port
- Remove & fix headphone jack
- Remove damage & fix the on/off switch
- Remove & fix all types of mobile IC
- How to change a mobile touch screen, mobile screen (folder), sensor repair
- Repair of various Mobile Circuits like charging circuit repair, network circuit repair, sound circuit repair, on/off switch circuit repair, Headphone jack and circuit
- Mobile camera and circuit tracing & repair
- Mobile repair by jumper & use of all advanced tools like SMD, BGA, hot air gun, etc
- And many more.