

SAFFRON TECHNICAL INSTITUTE

An ISO 9001:2008 Certified Institute

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LEARN CHIP LEVEL MOBILE REPAIRING BOTH HARDWARE AND SOFTWARE

Valid **CERTIFICATE** IS PROVIDED

Mobile Chip level Repairing Course includes :

- 1) Basic electronics and microcomponents
Introduction and determining values of SMD(Surface Mounted) components: resistors, condensers, Semiconductor diodes, PNP and NPN transistors, N-Channel and P-Channel mosfets, connectors, coils, fuse etc.
- 2) The basic fundamentals of a Mobile Phone
- 3) Diagnosing problems without disassembling mobile Phone
- 4) Expert guidance and procedures of repairing mobile phone
- 5) Assembly and disassembly of different mobile phones
- 6) Testing of batteries and battery chargers
- 7) Technique of using Rework station, solder iron, external charger and Multitesters
- 8) Repairing Human Interface Devices (Keyboard, Touchpad, Trackball etc.)
- 9) Block diagrams and schematic diagrams of different mobile phones
- 10) Replacing LCD displays and FPC Belts of mobile phones
- 11) Identification of all chips and crystals on the mobile PCB board
- 12) Track tracing and jumpering
- 13) Detailed component list and working of various sections of a laptop motherboard:
As Power section, Charging section, CPU, Audio section, Network section, Display section, light section, Keypad section, etc.
- 14) Replacing of faulty chips using Rework Station
- 15) Reballing of IC using IC REBALLING KIT
- 16) Notes and course material with pictures and videos created on the basis of actual practical experience (available in soft copy and hard copy)

SOFTWARE:

- 1) Installation & Function of Flasher Software. 2) Selection & Installation of EEPROM Files
- 3) Unlocking of Phone Codes. 4) Formatting of Internal Memory

Documents: 1) One Passport size photo.

2) Certificate ID proof (school LC / Voter ID card / Birth Certificate).

Add: Belapur Railway Station Complex 2nd floor G-215 Navi Mumbai.

Website: www.saffroninstitute.com

www.mobileclasses.com