## SGTI INSTITUTE

**INDIA'S MOST ADVANCE & NO. 1** MOBILE REPAIRING INSTITUTE

# L1 TO L5 + EMMC + UFS

- 50 DAYS COURSE
- 8 TO 9 HOURS CLASS PER DAY



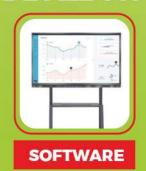






#### WE PROVIDE ALL TYPES OF MOBILE REPAIRING COURSES











**EMMC** 

TRACING



#### **ABOUT BEST SERVICES**

Best Services has established a name for itself as a Manufacturer, Importer & Trader of numerous products including OCA LAMINATION MACHINES, CO2 LASER CUTTING MACHINES, FIBER LASER ENGRAVING MACHINES, FLEX BONDING MACHINES etc. Since it established in 2013, We are skilled at precisely meeting the needs of our clients according to their specifications.

#### **ABOUT SGTI**

SGTI (Shailender Garg Technical Institute) is powered by Best Services and provides you with a mobile repair course from level 1 to level 5 (Basic to advance) and EMMC. Increase your technical skill with the advanced mobile repairing course in Delhi. We provide mobile repair lectures in English and Hindi speech that students can easily understand without hesitation. We are focused on practical experience instead of theoretical education in Repairing. You can work as a mobile technician, teacher, or engineer in reputed groups. We promise you will earn a huge profit by securing your future after this course. The student who is only 10th pass or has good knowledge of access computer can learn it easily as we start learning from basic knowledge and then move to advanced level training.

#### WHY CHOOSE US?

- Advanced infrastructure
- · Flexible batch timings
- 100% business support
- · Highly experienced & expert trainers
- · Maximum practical training





#### **BASIC + SOFTWARE + HARDWARE**

From **levels 1 to 3**, we will provide you complete mobile repairing knowledg from basic to advance. level 1 is related to software issue & problems

in **level 1** we will teach you how to install firmware on android mobiles and how to solve mobile software-related.

In **level 2** we provide you training on mobile issue that are solve without the use of a soldering station or iron and

In **level 3** is completely related to chip level in which we will teach you how change ic's and mobile parts.







Level 3

#### **DISPLAY REPAIRING TRAINING**

In this training, we will provide you complete display repairing training, like how to make new folder from broken glass folder and broken touch folder. In this training we provide training from how to separate touch/glass from folder. how to remove OCA, how to put new OCA, how to change polarizer, how to use OCA lamination machine and display repairing tools etc.





# WHY CHOOSE BEST SERVICES ?



India's 1st Institute of display repairing



An ISO 9001: 2015 Certified Company



100% Job & business support



Earn 1 lakh to 5 lakhs per month



100% practice on working boards



Lifetime technical support



100% live practical class



One day free demo class



Free tool kit





5000+ Job Placements



1.23 Lakhs+ Followers



20k+ Students
In Self Business



10 years+ Experienced Teachers

C-7, 110-111, SECTOR-8, ROHINI, DELHI-85

## FREE TOOL KIT

#### Free toolkit provided to every student, with following items



BAG



BOX



FRAME REMOVING BLADE



**BROKEN LCD** 



STANCIL



DESOLDER WIRE



CHEMICAL PCB **CLEANER** 



PCB HOLDER



ROSIN



SOLDERING PASTE



JUMPER WIRE



**CUTTING WIRE** 



SOLDER WIRE



PPD PASTE



PRACTICE PCB



TISSUE ROLL



MELAMINE



CLEANING CLOTHS



ROLLER



SCREW DRIVER







STRAIGHT TWEEZER



MULTIMETER



**POLORISER** 



SUBJECT TO AVAILABILITY

**OCA SHEETS** 



REGISTER



DOUBLE SIDED BRUSH

SCRAPER

SET

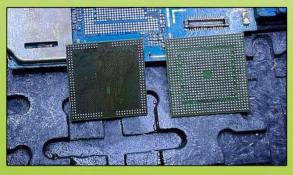




#### 1. HARDWARE

- 1. Assembling and Disassembling
- 2. Small and Big Component remove and fix
- 3. How to Remove Plastic Connector without burn
- 4. How to Remove Charging Jack (all type)
- 5. How to Remove Headphone jack in Safe way
- 6. How to Remove Simtray
- 7. How to Make Normal Jumper Properly
- 8. How to Remove leg IC, Pad IC, Safe way
- 9. How to fixed leg IC in safe way
- 10. How to fix Ball IC Safe way
- 11. How to remove pasted IC Black/White (pm + Emmc + CPU etc)
- 12. How to Reballing all IC's
- 13. How to Install all IC's
- 14. How to Remove Double Decker IC
- 15. How to Install Ram and CPU
- 16. How to Create motherboard Track









#### 2. SOFTWARE

- 1. FLASHING BY OFFICIAL TOOLS
- 2. MEDIATEK FLASH
- 3. QUALCOM FLASH
- 4. SAMSUNG FLASH
- 5. IPHONE FLASH: -

**i TUNE** 

**3U TOOL** 

6. FLASHING BY 3RD PARTY TOOLS: -

**UMT PRO** 

**UNLOCK TOOL** 

Z3X PRO

UNLOCKING

**PIN PATTERN** 

**PASSWORD LOCK** 

**FACE LOCK** 

**FINGER LOCK** 

FRP LOCK

**ACCOUNT LOCK** 

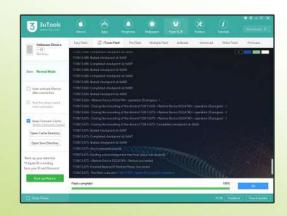
MDM(KG) LOCK

**BOOT LODER LOCK** 

OPPO/REALME UNLOCK WITHOUT DATA LOSS

7. HOW TO EXTRACT OFP (OPPO/REALME) FILE









## **3. EMMC**

- 1. UFI box installation
- 2. Easy j tag installation
- 3. How to use UFI box
- 4. How to use easy j tag plus box
- 5. How to flash android phone
- 6. Data recovery: -
  - Recover image, vedio, mp3 etc
  - Recover contact and call details
  - Recover whats app chat
- 7. How to unlock android phone online/offline without data loss
- 8. How to match same part no. EMMC / EMCP
- 9. How to upgrade EMMC / EMCP
- 10. How to program new EMMC / EMCP
- 11. How to dead boot repair.
- 12. How to check health report.
- 13. How to use dump file /inetwork file.



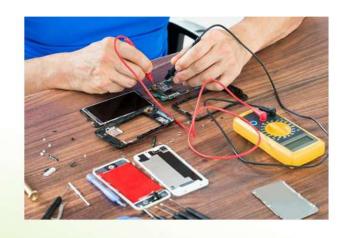


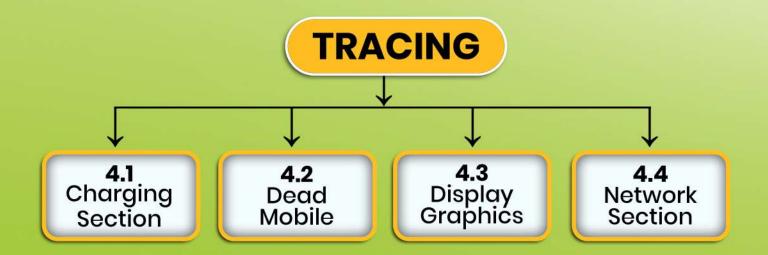




#### 4. TRACING - BASIC

- 1. What is AC and DC?
- 2. What is cool testing
- 3. What is hot testing
- 4. How to check gr value
- 5. Series and parallel circuits
- 6. ohm's law
- 7. What is coil and testing
- 8. What is resistor and testing
- 9. What is capacitor and testing
- 10. What is diode and testing
- 11. What is mosfet and testing
- 12. What is Ido and testing
- 13. How to work buck section
- 14. How to work boost section
- 15. How to work primory and secondry voltage







# 4.1 CHARGING SECTION (TRACING)

#### **Charging section**

- 1. How charging section works
- 2. How qualcom base cpu charging section works
- 3. How mtk base cpu charging section works
- 4. How single charging section works
- 5. How double charging section works
- 6. How fast charging works
- 7. How turbo charging works

#### **Charging problem and solution**

- 1. Not charging
- 2. Fake charging
- 3. Slow charging
- 4. Charging error
- 5. Auto charging
- 6. Fast charging not working
- 7. Turbo charging not working
- 8. Charger light off after charger plugin
- 9. Battery temperature (high/low)

## B - Type charging jack detail

- 1. v-bus supply
- 2. DM & DP supply work
- 3. ID supply work
- 4. What's the problem if V-bus supply not work
- 5. What's the problem if DM & DP supply not work
- 6. What's the problem if ID line short or not work



#### C - Type charging jack detail

- 1. CC1 & CC2 supply work and problem and solution
- 2. DM & DP supply in c-type jack and problem & solution
- 3. TX or RX supply and problem and solution
- 4. sbul or sbu2 supply work and problem and solution

#### Charging section other supply work

- 1. Working of OVP IC and problem & solution
- 2. Working of PMID supply and problem & solution
- 3. Working of vph-pwr, batsys, sysbat, and problem and solution
- 4. Working of boot cap and problem and solution
- 5. Working of V-bus sns supply
- 6. Working of vrb cap

#### **Fuel gauge section**

- 1. Working of fuel gauge section and problem & solution
- 2. Working of bat-sns or i-sns supply and problem & solution
- 3. Fuel gauge section not working and problem & solution
- 4. Work bat-sns or i-sns supply not working and problem & solution

#### **Battery connector pin detail**

- 1. Working of v-bat supply and problem & solution
- 2. Working of id line and problem & solution
- 3. Working of thermal line and problem & solution



# 4.2 DEAD MOBILE (TRACING)

#### Dead mobile repairing section

- 1. No Response after power button press
- 2. Only charging light blink
- 3. Hang on logo
- 4. Logo restart
- 5. Mobile heat after power button press
- 6. Recovery mode open after power button press
- 7. Only auto edl port show in computer

#### DC supply reading section

- 1. Auto ampere consume in dc supply
- 2. Low booting
- 3. High booting
- 4. Stuck on 90 to 120 milliamps
- **5.** 90 to 150 consume milliamps after mobile power button press after release button ampere reading 0
- 6. Normal mobile boot reading
- 7. No any ampere consume after power button press
- 8. Fluctuate dc ampere reading under 50 milliamps
- 9. Fluctuate dc ampere reading 100 to 300 milliamps









#### Buck and Ido section in dead phone power section

- 1. How to work buck section
- 2. How to work Ido section
- 3. What is problem if not work any buck voltage power section
- 4. What is problem if 50% work buck voltage in power section
- 5. What is problem if buck voltage fluctuate in power
- 6. What is problem if not work any Ido voltage power section
- 7. What is problem if 50% work Ido voltage in power section
- 8. What is problem if Ido voltage fluctuate in power
- 9. vreg\_rfclk cap work
- 10. Ref\_byp cap work

#### How bob supply works

- 1. How to work bob supply work
- 2. What is problem if not work bob supply

#### **Shorting section**

- 1. What is shorting
- 2. What is full shorting
- 3. What is half shorting
- 4. What is leakage
- 5. How to remove full shorting
- 6. How to remove half shorting
- 7. How to remove leakage
- 8. What is primary line
- 9. How to remove primary line shorting
- 10. What is secondary line shorting
- 11. How to remove secondary line shorting



### 4.3 DISPLAY GRAPHIC & BACK LIGHT

#### Display graphic section

- 1. Display graphic and problem and solution
- 2. VSN or VSP supply and problem & solution
- 3. RST supply and problem & solution
- 4. what is mipi sda or mipi scl supply and problem and solution
- 5. Pack coil and problem and solution
- 6. What is display id supply and problem & solution
- 7. VIO or vreg-I supply and problem & solution
- 8. How to solve no display problem
- 9. How to solve only white display
- 10. How to solve only green and blue display
- 11. How to solve graphics not showing properly problem
- 12. How to solve double images showing problem
- 13. How to solve black and white picture

#### Display back light section

- 1. Display back light problem and problem & solution
- 2. Led-a or Led-k supply and problem & solution
- 3. Led pwm supply and problem & solution
- 4. What is work cabc supply and problem & solution
- 5. How to solve back light problem
- 6. How to solve display light blinking
- 7. Hot solve display light not working after mobile company logo

#### Display graphic ic work

- 1. What is graphic ic
- 2. What is graphic ic i2c supply and problem & solution
- 3. What is graphic ic en supply and problem & solution



#### Display back light ic work

- 1. how to 6 pin light ic work works
- 2. how to 12 ball light ic works
- 3. how to replace 6 pin light if 12 ball ic not working

#### **Amoled display section**

- 1. What is difference between TFT display and amoled display
- 2. How amoled display works
- 3. Required voltage for supply amoled diaply
- 4. Amoled display graphic problem and solution
- 5. Amoled display light problem and solution

#### **Touch section**

- 1. How touch section works
- 2. How i2c base Touch works
- 3. How 13s base Touch works
- 4. How spi base Touch works

#### Touch problem and solution

- 1. Touch not working
- 2. Touch slow working
- 3. Touch fast working









## 4.4 NETWORK SECTION (TRACING)

- 1. How network section works
- 2. How 2g, 3g, 4g, 5g section works
- 3. How fem ic works
- 4. How pa ic works
- 5. How apt ic works
- 6. How tx and rx supply works
- 7. How drx supply works
- 8. How to diagnose no service problem
- 9. How to diagnose slow network
- 10. How to diagnose only 2g network work
- 11. How to diagnose only call working
- 12. How to diagnose network up down
- 13. How to diagnose slow filter problem
- 14. How to diagnose band pass filter







#### 5. DISPLAY REPAIRING

- 1. How to remove combo from the frame.
- 2. How to remove broken glass by a separator.
- **3.** How to remove different types of glue from lcd. (Apple, Samsung, mi, oppo).
- 4. How to remove polarizer film.
- 5. How to change polarizer film.
- 6. Types of polarizers.
- 7. How to change/repair back light.
- 8. How to use mold & mold set.
- 9. Explain about the glue remover machine.
- 10. Explain about different types of oca.
- 11. Explain all types of chemicals.
- 12. How to use blade iron.
- 13. How to use advanced tools.
- 14. How to use different cutting wires.
- 15. Oca machine function & training (bst-1 pro, bst-2 pro bst-1, bst-2, bst-786, 786 pro)











## **Our Branch**

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