**Syllabus of Mobile Repairing**

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| **Course Name** | Mobile Repairing |
| **Course Duration** | 180 Days (180 Hours) |
| **Course Faculty** | Abbasali Bhimani |

**Chapter 1: Mobile Hardware Basic Electronics & Practice Class**

1. About Mobile Repairing course 1
2. About knowledge of all hardware part of mobile phone 1
3. Soldering & De-soldering of Big electronics Components 2
4. Soldering & De-soldering of Small electronics Components 2
5. How to do Big jumping in Mobile phone 2
6. How to do Small jumping in Mobile phone 2
7. How to do print jumping in Smartphone 1
8. BGA IC Re-balling 2
9. BGA IC Soldering & De-soldering practice 2
10. Charging jack Soldering & De-soldering 2
11. On/off switch jack Soldering & De-soldering 2
12. Headphone jack Soldering & De-soldering 2
13. Mic jack Soldering & De-soldering 2
14. Speaker/ringer Soldering & De-soldering 1
15. Camera jack connector Soldering & De-soldering 2
16. Sensor Soldering & De-soldering 2
17. Display jack/connector Soldering & De-soldering 2
18. Memory jack/connector Soldering & De-soldering 2
19. SIM jack/connector Soldering & De-soldering 2
20. Vibrator Soldering & De-soldering 2
21. How to disassemble Smartphone 2
22. How to assemble Smartphone 2
23. Mobile Phone History 1
24. How to use multimeter 1
25. About Resistor electronic comments 2
26. About Capacitor 2
27. About Diode Component 2
28. About Coil component 2
29. About transistor components 2
30. About Crystal Component 2
31. About IC Component 2
32. About speaker/ringer Component 2
33. About Mic Component 2
34. About vibrator component 1
35. About switch component 1
36. How to replacement mobile folder 2

**Chapter 2 : Mobile Tracing Class**

1. About mobile Tracing class 2
2. All Section in Mobile phone details 2
3. How to use DC power supply machine 2
4. Charging section circuit details 2
5. Sound section circuit details 1
6. Network section circuit details 1
7. On/Off section circuit details 2
8. Camera section circuit details 2
9. Sensor section circuit details 2
10. Mic section circuit details 1
11. Power IC circuit details 1
12. CPU circuit details 2
13. Basic knowledge eMMC chip 2
14. Display section circuit details 2
15. Touch section circuit details 2
16. All other section details 2
17. How to use schematic 2
18. How to tracing section with schematic 1
19. How to download Smartphone schematic 2
20. About problem in Smartphone and solutions 2
21. Mobile dead problem solution 2
22. No display problem solution 2
23. Charging problem solution 2
24. Light related problem solution 2
25. Camera related problem solution 2
26. Mic related problem solution 2
27. Speaker related problem solution 2
28. On/Off related problem solution 2
29. Sensor related problem solution 2
30. Network related problem solution 2
31. SIM related problem solution 2
32. Power IC related problem solution 2
33. Damage phone repairing tips 2
34. Half Shorting repairing 2
35. Full Shorting repairing 2
36. Water damage related phone repairing tips 2
37. How to use touch separator 2
38. How to use oca machine 2
39. **OCA MACHINE TRAINING 2**
    1. Overview OCA Machine Tool
    2. How to remove folder and pasting
    3. How to separate touch/LCD glass and make comb
    4. How to remove & change film.

**Chapter 3 : Mobile Software Class**

1. Introduction of Mobile Software 2
2. Mobile Problem its Reason 2
3. Find Problem Hardware & Software 2
4. Requirement of Mobile Software 2
5. All type Mobile Unlocking 2
6. All type Tool & File Downloading 2
7. Driver & Software installation 2
8. Identification Types of Files 2
9. All type Mobile Flashing by Software 2
10. All type Mobile Flashing by Software Box 2
11. All type Mobile FRP Unlock 2
12. All type Mobile Country Unlock 2
13. How to use Miracle Box 2
14. How to use z3x Box 2
15. How to use UMT Dongle 2
16. All Chinese Mobile Flashing 2
17. Chinese Mobile Unlocking 2
18. Chinese Mobile FRP Unlocking 2
19. Read Pattern Unlock 2
20. Hard reset 2
21. Reset Code Without Data Loss 2
22. Sony Mobile Flashing 2
23. Backup 1