

# Certificate in Mobile Repairing & Maintenance

**Course Code :** CR-05

**Eligibility :** 10<sup>th</sup>

**Duration :** 6 Months

Basics of Mobile Communication , Use of tools & instruments used in mobile phone repairing , Details of various components used in mobile phones , Basic parts of mobile phones (mic, speaker, buzzer, LCD, antenna, etc) , Use of multimeter , Use of battery booster , Basic Circuit Board / Motherboard Introduction , Assembling & disassembling of different types of mobile phones , Soldering & desoldering components using different soldering tools , Names of different ICs , Work of different ICs , Working on SMD / BGA ICs and the PCB , Fault finding & troubleshooting , Jumpering techniques and solutions , Troubleshooting through circuit diagrams , Repairing procedure for fixing different hardware and advanced faults

**Software** :-- Flashing , Formatting , Unlocking , Use of secret codes , Downloading

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