MOBILE REPAIR ENGINEERING

6 Months Program

3 Months E-Learning
3 Months Internship

AVODHA
Education for a Job
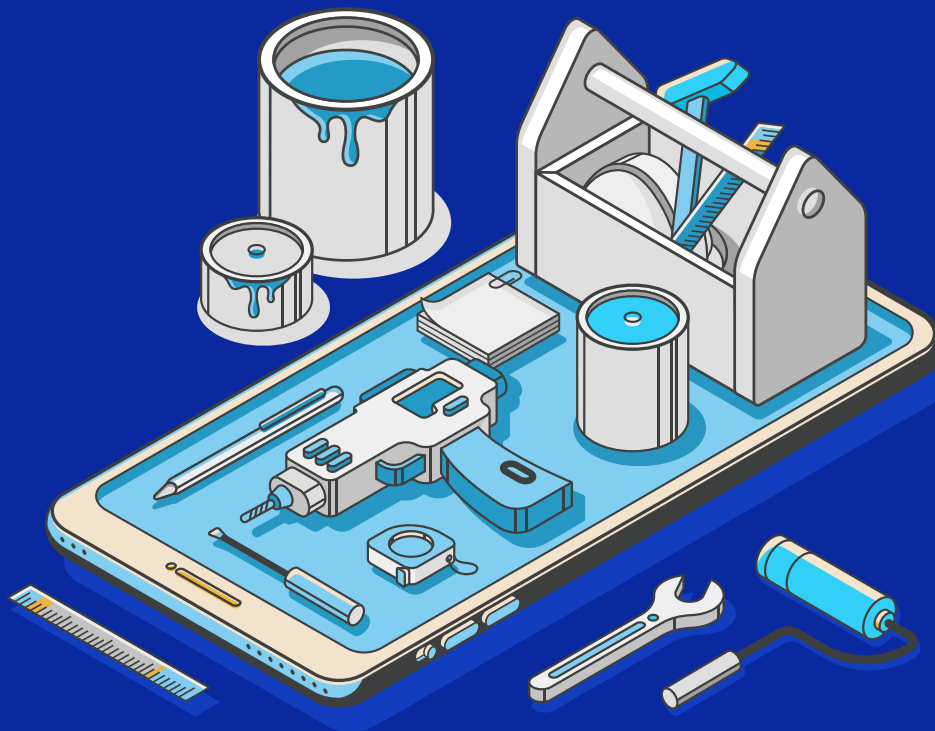
What is Mobile Repair Engineering?

A mobile repairing technician's job is to repair all types of hardware and software faults that arise in smartphones and tablets. The job involves problem solving skills and may also need good communication skills depending on the company and the role of the technician.

Tutor Details

Meet Denison Davis, a proficient and skilled mobile repair specialist renowned for his exceptional hand-eye coordination and expertise in performing minor repairs. With a professional demeanor towards clients and coworkers alike, Denison excels in following instructions, interpreting diagrams, and successfully completing assignments. Over the course of an impressive five-year career, he has met with clients to diagnose phone issues, identify likely causes, and determine the necessary repairs. Denison's extensive professional experience extends across India and abroad, solidifying his status as an expert Mobile Repair Technician. His respectful demeanor, coupled with his intelligence and technical prowess, ensures that the repair experience is not only seamless but also enjoyable. Denison Davis is the epitome of an accomplished and promising professional in the field of mobile repair.

Denison Davis

MOBILE REPAIR
ENGINEERING

Course Structure

- ➤ 3 months E-Learning
- ➤ 3 months Internship
- ➤ Live Session for Doubt Clearance (Monday to Friday 10 AM to 7 PM)
- ➤ 100% Placement Assistance

Certification

AVODHA Course Completion Certficate

MOBILE TECHNICIAN PROFESSIONAL (PAID)

Fees Structure

- ➤ Admission Fee : 3,800
- ➤ Total Fee : 13,800

Avodha provides Job-oriented courses in an affordable price. The total price of our course is ₹13,800/- ; but to avail the course, he/she has to pay only ₹3,800/- as an admission fee & rest of the amount ₹10,000/- has to be paid only after getting the job related to the course he/she joined at Avodha, ie., The first installment ₹5,000/- has to pay on the first day of his/her employment in a job wherein they are placed through Avodha. And the second payment of ₹5,000/- needs to be done once the student completes 30 days of employment in the Job they have been placed via Avodha.

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MOBILE REPAIR ENGINEERING

Mobile Repair Engineering

BASIC ELECTRONICS

➤ What are Electronics

➤ Charge

➤ Voltage

➤ Ampere & Watt

➤ Type of Current

➤ Different between AC & DC

➤ Type of Filter

➤ Resistor

➤ Capacitor

➤ Coil

➤ Transformer

➤ Diode

➤ Transistor (BJT, JFET and MOSFET)

➤ IC (Integrated Circuit)
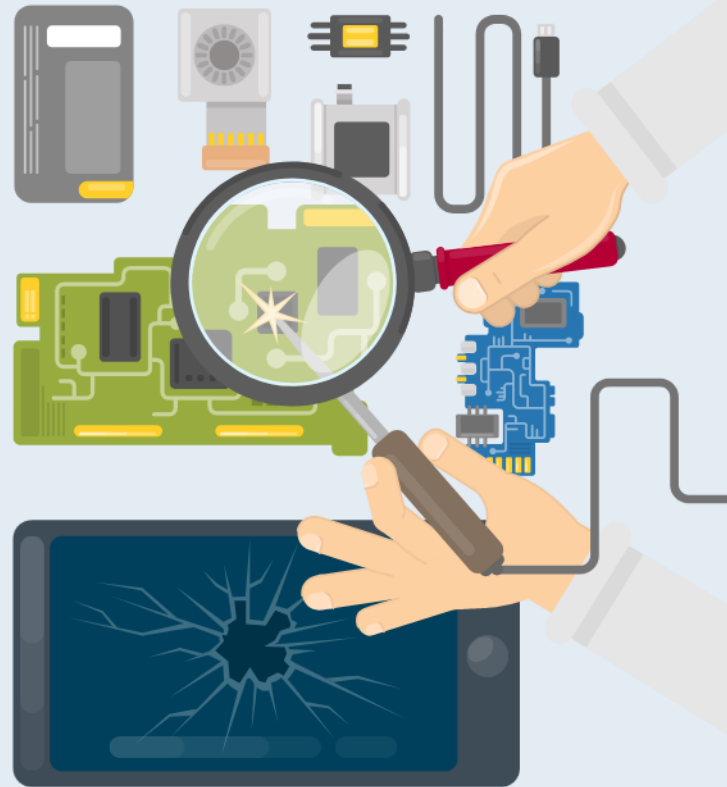
➤ Crystal

➤ Block Diagram

MOBILE BASIC

➤ History of Telephone

➤ First Mobile Phone

➤ Generation of Mobile Phone

➤ Subscriber, Service Provider

- ➤ Frequency & Channel
- ➤ SIM, USIM & IMEI
- ➤ GPRS, GPS, Bluetooth, Edge &Wi-Fi

INTRODUCTION TO BASIC EQUIPMENTS

- ➤ SMD Rework Station
- ➤ DC Power Supply
- ➤ Professional Tool Box
- ➤ Analogue Multi Meter
- ➤ Soldering Iron Box

- ➤ Basic Utensils
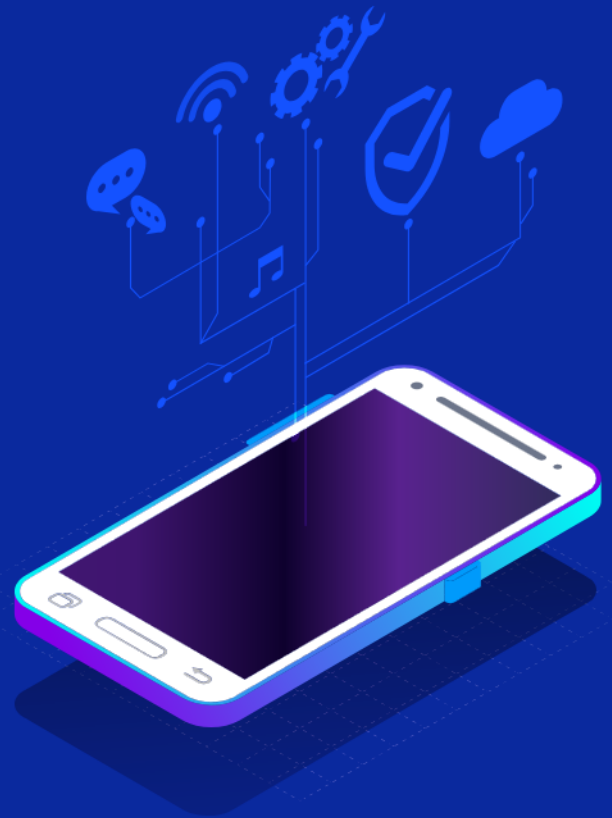- ➤ PCB Board
- ➤ Insulation Mat

USAGE OF BASIC EQUIPMENTS

- ➤ Usage of SMD Rework Station
- ➤ Usage of DC Power Supply
- ➤ Usage of Professional Tool Box
- ➤ Usage of Soldering Iron Box
- ➤ Usage of Basic Utensils/Tool

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MOBILE REPAIR
ENGINEERING

- Usage of PCB Board
- Usage of Insulation Mat

CHIP LEVEL (PRACTICAL)

- Use of Iron & Type of Iron
- Display Jumper
- Components Jumper
- Components Soldering & Desoldering
- Connector Soldering & Desoldering
- How To Remove Pin IC
- How To Make Track in PCB

- Assembling & Dissembling of Mobile Phone

TRACING

- On/Off Switch
- Antenna Switch
- BPF (Band Pass Filter)
- IC Different Name
- Section of Mobile Phone (Block Diagram)

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MOBILE REPAIR ENGINEERING

➤ Type of Charging Jack

CHARGING SECTION PROBLEM

➤ USB Section

➤ SIM Section

➤ Back Light Section

➤ Data Section

➤ Flash Light Section

BASIC SECTION

➤ Ringer Problem

➤ Speaker Problem

➤ Headphone Problem

➤ Universal Mic, Digital Mic & Crystal Mic

➤ Vibrator Problem

➤ Camera Section

➤ Memory Section

➤ Network Section

➤ Wi-fi Section

➤ GPS Section

➤ Dead Problem

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MOBILE REPAIR
ENGINEERING

- OK Condition

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MOBILE REPAIR
ENGINEERING

Offline Center

Kochi
(Head Quarters)

Hyderabad

Mumbai

Bangalore

Chennai

Delhi

Trivandrum

Ernakulam

Kannur

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MOBILE REPAIR
ENGINEERING

AVODHA
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Thrissur

Kottayam

Kozhikode

Coimbatore

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Kakkanad, Kerala 682022

Kannur Regional office

3rd Floor, Rubco House,
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Caltex, Kannur, Kerala 670012

Trivandrum Regional Office

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Telangana - 500081

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Delhi - 110001

Kozhikode Offline Center

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Bangalore Regional Office

GoodWorks Infinity Park,
Electronics City Phase 1,
Bengaluru Karnataka - 560100

Mumbai Regional Office

10th Floor, Parinee Cresenzo,

Mumbai, Maharashtra - 400051

Kottayam Offline Center

The Dispensary by Creative Coworking Cube (C³)
Thamarapally,
Pulimoodu JN, SH 1, Kottayam, Kerala 686001

Thrissur Offline Center

dewSpace - Coworking, G6C2+XCR, West Fort,
Asvary Nagar, Ayyanthole, Thrissur, Kerala 680011