



# Advance LED / Smart TV Repairing Course

## HEAD-OFFICE

Roll No..... Time.....

Name of Student.....

Course.....

Joined on..... Completion .....

# Module -1 Basics Electronics

<b>Topics</b>	<b>Date</b>	<b>Completed</b>	<b>Signature</b>
Resistor			
Capacitor			
Coil			
Diode			
Transistor			
Transformer			
Mos-fet			
Crystal			
Fuse			
Types of IC's			
Golden Tips			
Practical Test			

## Module -2 Practical

<b><i>Topics</i></b>	<b><i>Date</i></b>	<b>Completed</b>	<b>Signature</b>
Soldering Iron Use			
SMD Machine Use			
Practical tools info.			
Chip Level Practical			
Component Removing			
Component Soldering			
Jumper settings			
Practical Chip Level			
I.C. Change			
Golden Tips			
Practical Test			

# Module-3 Chip Level Tracing

<b><i>Topics</i></b>	<b><i>Date</i></b>	<b>Completed</b>	<b>Signature</b>
Liquid Crystals			
Liquid Crystals Displays			
The Power Supply Board			
The Inverter Board			
The Main Board			
The Controller/ T-con Board			
The LCD Driver Board			
The Stand By Circuit			
The Liquid Crystal Display In Depth			
Test Equipments			
Schematic Diagrams			
Understanding and Testing Resistors			
Understanding and Testing Capacitor			
Understanding and Testing Inductors			

Understanding and Testing Transistors			
Understanding and Testing Diodes			
Understanding and Testing Bridge Rectifiers			
Understanding and Testing LEDs			
Understanding and Testing Switching Transformers			
Understanding and Testing Opto -Isolators			
Understanding and Testing Voltage Regulators			
Understanding and Testing Switches			
Understanding and Testing Fuses			
Some Testing Tips			
Useful Formulas			
How To Disassemble An LCD TV			
Voltage Test Points			
Connection Problems			
PSU (Power Supply Unit) Failures			

Inverter Board Failures			
No Video			
No Audio			
OSD/Menu Failure			
White Screen			
Rainbow Screen			
Screen Flashes Then TV Shut Down			
No Back Light			
Lines In Picture			
Cracked Panel			
LCD TV Case Repair			
Parts Distributors			

# Module-4 Service Center Training

<b><i>Topics</i></b>	<b><i>Date</i></b>	<b><i>Completed</i></b>	<b><i>Signature</i></b>
Driver Installation of All Printers			
Student Card level Test			
Student Chip level Test			
Student Confidence Test			
Advance Golden Tips			
Clear All Doubts			
Practical Test			

# TERMS & CONDITIONS

- Students must come according to the batch timings given to them.
- Admission in class room is not allowed without the progress report.
- Student should maintain silence in the class room and support their teacher for maintenance.
- For any queries student must consul their teacher after class time.
- If a student is absent from the class or take leave without information no extra classes will be provided to them.
- In case of discontinuation of classes for 30 days continuously Rs.1000/- will be charged as Re-admission fee.
- In case of delay in submitting fees installment, a fine of Rs.30/- per day will be charged after 5 days and of Rs.60/- per day will be charged after 10 days delay.
- Student will be responsible for tools and material used by them present in practical lab.
- Student should follow the module given to them.
- Student whose full fees is not completed is not allowed to sit in tracing classes.
- Student is not allowed to drink and eat anything in class premises.
- Do not play games in the lab.
- Student should submit fees in office only and get their receipt.
- Listen to directions. When teacher ask for your attention, please stop your work.
- Put your phone on silent mode before entering the class room.
- Student should follow all the rules of the institute strictly otherwise he /she will not be allowed to sit in the class room again.



# Ultra Slim Smart LED TV

SMART TV

IPS LED TV

ANDROID-  
BASED TV

ADVANCE LED / SMART TV REPAIRING COURSE



24 X 7 Online Support\*

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