

LED/LCD/TFT MONITOR TRAINING



Duration	30 days
Course Type	Regular / Fast Track / Weekend
Timing	Regular : 1.00 Hrs Fast Track : 2.00 Hrs Weekend : 4.00 Hrs
We Provide	Common: Course Materials Troubleshooting/Installation Manuals & ID Card Worldwide Online Verification Certificate Job Support: Job Reference as per Job provider's requirement. Self Employment Whole Sale Materials Purchase Address

CLASS	TOPICS
SESSION-1	Introduction - What is Monitor? - How monitor works? - Types of Monitor: CRT monitor - LCD monitor - TFT monitor - LED Monitor what is the difference between them?
SESSION-2	What is Electronics - Difference between Electrical & Electronics - AC & DC Voltage - Current - Type of materials Conductor - Insulator - Semiconductors - Types of components - Active & Passive Components.
SESSION-3	Resistor: Types of Resistor - Working function - Color Coding of Resistor - Difference between normal & SMT Capacitor: Type of Capacitor - Working function - Difference between normal & SMT Capacitor
SESSION-4	Practical: Checking Method for Normal & SMT Resistor - Checking Method for Normal & SMT Capacitor - Removing & Replacing of Normal & SMT Resistor & Capacitor
SESSION-5	Inductor: Type of Inductor - Working function - Difference between normal & SMT Inductor - Transformer: Type of Transformer - Working function - Difference between normal & SMT Transformer
SESSION-6	Practical: Checking Method for Normal & SMT Inductor - Checking Method for Normal & SMT Transformer - Removing & Replacing of Normal & SMT Inductor & Transformer
SESSION-7	Diode: Type of Diode - Working function - Difference between normal & SMT Diode - Transistor: Type of Transistor - Working function - Difference between normal & SMT Transistor.
SESSION-8	Practical: Checking Method for Normal & SMT Diode - Checking Method for Normal & SMT Transistor - Removing & Replacing of Normal & SMT Diode & Transistor
SESSION-9	IC: SSI (Small scale integration) - LSI (Large Scale Integration) VLSI (Very Large scale integration) - integration of Transistor, Resistor & diodes - IC manufacturing - IC types - Working function
SESSION-10	Assembling of Regulated power supply
SESSION-11	Practical for IC
SESSION-12	Power Supply-Type of Power Supply - Half Wave - Full Wave Bridge - Regulator Power Supply-SMPS-STR SMPS
SESSION-13	Regulated Power Supply Architecture - SMPS Architecture STR Power Supply Architecture
SESSION-14	Fault finding of Power Supply
SESSION-15	What is LCD?-What is TFT?-Difference between LCD & TFT-Display Standards & Resolution

SESSION-16	Type of LCD Display-Active & Passive Matrix Display- LCD Features & Attributes -Advantages of LCD
SESSION-17	What is Inverter? TFT Inverter Architecture
SESSION-18	TFT inverter Trouble Shooting
SESSION-19	Block Diagram of TFT
SESSION-20	TFT functional Diagram
SESSION-21	TFT Monitor Inverter Circuit Description
SESSION-22	Section of TFT monitor- 3.3v Regulated Section - 3.3v Controller Section - Keyboard Section - Memory Section
SESSION-23	Reset Controller Section - VGA Controller - Monitor Controller - Power Indicator Section
SESSION-24	VGA Pin Details
SESSION-25	Trouble Shootings
SESSION-26	Trouble Shootings
SESSION-27	Trouble Shootings
SESSION-28	Trouble Shootings
SESSION-29	Trouble Shootings
SESSION-30	FINAL EXAM

<p><u>CHIP SYSTEMS</u> Old No.107,New No. 194,Ground floor, Lake View Road, West Mambalam, Chennai-33 Tamilnadu, INDIA (Near Postal colony 3rd Street) Phone: 044-2474 3860. Cell : +91-98410 99911, Cell : +91-94440 34246. Email : admin@chipsystems.in</p>	<p><u>CHIP TECHS</u> Old No.107,New No. 194,Ground floor, Lake View Road, West Mambalam, Chennai-33 Tamilnadu, INDIA (Near Postal colony 3rd Street) Phone: 044-2474 3860. Cell : +91-98410 99911, Cell : +91-94440 34246. Email : admin@chipsystems.in</p>
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