



SOFTLOGIC SYSTEMS



KK NAGAR : No:10, PT Rajan Salai, KK Nagar, Chennai-600078
OMR : No 92, Rajiv Gandhi Salai (OMR), Navalur , adj. to AGS Cinemas, Chennai-600130

Website: www.slainstitute.com | www.softlogicsys.in | www.slajobs.com

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SLA is one of its kind Training cum Placement Company servicing 30+ countries, empanelling 100+ IT experienced mentors, doing 70+ trending technology training programs with more than 350+ IT MNC hiring partners.

SLA services

- **Individuals who are new to IT Industry to upskill and get placed in IT companies.**
- **IT professionals who want to upgrade technological skills to get qualified for the next salary hike and professional growth.**
- **Corporate Technology Training needs**

As a value addition, SLA, not only equip individuals in Technology skills but also offers free training in Aptitude, Interview skills and Basic Coding skills for anyone to successfully land in IT Industry. Training is given by IT experienced mentors who enable the individuals to do their **own Real Time Projects** by the end of the Program thereby giving **Hands-on training services**.

SLA doesn't involve in any backdoor job process for placement support instead support our fellow students with genuine end to end placement support through unlimited interviews with our IT hiring partners.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job or upgrade skills and settle in a better IT Job, then you should choose SLA. With SLA, you get life long free placement support and your IT dream career will come into reality for sure.

Please go through the long list of our student reviews / offer letters / testimonials @ www.joinsla.com to get to know more about us.



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A+ & N+ Course Syllabus

Comptia A+

Introduction to Computers

- ❖ A Brief History of Computers
- ❖ Desktop Computer System Components and Their Functions
- ❖ Software and Firmware
- ❖ Numbering Systems

Setting Up a Personal Computer

- ❖ Install Video Output Devices
- ❖ Install PS/2 Devices
- ❖ Install Parallel Devices
- ❖ Install Serial Devices
- ❖ Install Game and Sound Devices Install USB Devices
- ❖ Install FireWire Devices - Connect Wireless Devices

Installing or Removing Internal Hardware

- ❖ Establish an ESD-free Work Area
- ❖ Install or Remove Adapter Cards
- ❖ Install a Network Adapter and Cable
- ❖ Install or Remove IDE Drive
- ❖ Install or Remove Internal SCSI Drives
- ❖ Install External SCSI Devices
- ❖ RAID



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Upgrading System Components

- ❖ Add Memory
- ❖ Upgrade the CPU
- ❖ Add a CPU
- ❖ Upgrade the System BIOS
- ❖ Upgrade the Power Supply
- ❖ Upgrade the System Board
- ❖ Decide When to Upgrade

Supporting Portable Computing Devices

- ❖ Connect External Peripherals to a Portable Computer
- ❖ Install or Remove Portable Computing Device Drives
- ❖ Install or Remove PCMCIA Cards
- ❖ Install or Remove Mini-PCI Cards
- ❖ Install or Add Memory to a Portable Computing Device
- ❖ Connect PDAs to Computers

Performing Preventative Maintenance

- ❖ Hard Disk Maintenance
- ❖ Perform Printer Maintenance
- ❖ Use a UPS
- ❖ Clean Peripheral Components
- ❖ Clean Internal System Components
- ❖ Dispose of Computer Equipment



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Troubleshooting Device Problems

- ❖ Correct Monitor Problems
- ❖ Correct Input Device Problems
- ❖ Correct Adapter Card and PC Card Problems
- ❖ Correct Hard Drive Problems
- ❖ Correct Internal Removable Media Drive Problems
- ❖ Correct CD or DVD Drive Problems
- ❖ Correct Printer Problems

Troubleshooting System Problems

- ❖ Correct Network Connection Problems
- ❖ Correct Modem Problems
- ❖ Correct Power Problems
- ❖ Correct Boot Problems
- ❖ Correct Memory Problems
- ❖ Correct System Board Problems
- ❖ Correct Portable System Problems
- ❖ Diagnose System Problems

Comptia N+

Basic Network Theory

- ❖ Network Definitions
- ❖ Network Models
- ❖ Connectivity
- ❖ Network Addressing
- ❖ Signaling Concepts



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Network Connectivity

- ❖ The Data Package
- ❖ Establishing a Connection
- ❖ Reliable Delivery
- ❖ Network Connectivit
- ❖ Noise Control
- ❖ Building Codes
- ❖ Connection Devices

Advanced Network Theory

- ❖ The OSI Model
- ❖ Ethernet
- ❖ Network Resources
- ❖ Token Ring/IEEE 802.5
- ❖ FDDI
- ❖ Wireless Networking

Common Network Protocols

- ❖ Families of Protocols
- ❖ NetBEUI
- ❖ Bridges and Switches
- ❖ The TCP/IP Protocol
- ❖ Building a TCP/IP Network
- ❖ The TCP/IP Suite



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TCP/IP Services>

- ❖ Dynamic Host Configuration Protocol
- ❖ DNS Name Resolution
- ❖ NetBIOS Support
- ❖ SNMP
- ❖ TCP/IP Utilities
- ❖ Upper Layer Services
- ❖ FTP

Alternate Network Protocols

- ❖ Introduction to IPX/SPX
- ❖ AppleTalk
- ❖ Introduction to Apple Open Transport
- ❖ Introduction to IPv6

Network LAN Infrastructure

- ❖ Implement LAN Protocols on a Network
- ❖ IP Routing
- ❖ IP Routing Tables
- ❖ Router Discovery Protocols
- ❖ Data Movement in a Routed Network
- ❖ Virtual LANs (VLANs)



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Network WAN Infrastructure

- ❖ The WAN Environment
- ❖ WAN Transmission Technologies
- ❖ WAN Connectivity Devices
- ❖ Voice Over Data Services

Remote Networking

- ❖ Remote Networking
- ❖ Remote Access Protocols
- ❖ VPN Technologies

Network Security

- ❖ Introduction to Network Security
- ❖ Virus Protection
- ❖ Local Security
- ❖ Network Access
- ❖ Internet Security

Disaster Recovery

- ❖ The Need for Disaster Recovery
- ❖ Disaster Recovery Plan
- ❖ Data Backups
- ❖ Fault Tolerance



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