

# MICROSOFT CERTIFIED IT PROFESSIONAL (MCITP)

Duration - 3 months

Course fees - 10.000/-

## Module-1: HARDWARE

- ➔ Basic of computer hardware technology
- ➔ PC function and component
- ➔ Installation of operating system
- ➔ Installation of operating system(Win XP, Win 2000, Win2003, Vista, win 7 etc)
- ➔ Device manager

## Module-2: Networking essentials

- ➔ What is networking and advantages?
- ➔ Types of networks, LAN & WAN
- ➔ Requirements for implementing LAN
- ➔ Network topology
- ➔ Network model
- ➔ Types of cables
- ➔ Crimping( straight and cross)
- ➔ Network adaptors / NIC cards
- ➔ Network devices (Hub, switches & router)

## Module-3: IP address

- ➔ Class A to Class E
- ➔ Private / public address
- ➔ Logical & physical address

## Module-4: Network protocol

- ➔ (TCP / UDP, IPX/SPX, Net BEUI)

## Module-5: OSI reference model, TCP-IP reference model

## Module-6: Introduction to Microsoft windows 2003 / 2008 families

- ➔ History of server O/S
- ➔ Features of windows server 2008

- ➔ Installation of windows server 2003 / 2008
- ➔ Upgrading existing win 2003 domain to window 2008 domain

#### Module-7: Active directory- Domain services

- ➔ Features of active directory
- ➔ Installing and configuring ADDS
- ➔ Active directory and its components (Logical & physical components)
- ➔ Configuration ADC / CDC
- ➔ Uninstallation of ADSS

#### Module-8: FSMO roles of AD-DS

- ➔ Roles of AD-DS
- ➔ Transferring of roles
- ➔ Seizing of roles

#### Module-9: Trust relationship

- ➔ Introduction to trust relationship
- ➔ Functional levels
- ➔ Authentication protocols
- ➔ Configuring forest trust between 2008 forests

#### Module-10: RODC

- ➔ Introduction & configuration of read-only domain control
- ➔ SITES and global catalogue
- ➔ Replication between the domain controller

#### Module-11: Member server, clients, user configuration

- ➔ Adding of clients to domain
- ➔ Creating local & domain user
- ➔ Creating groups
- ➔ Password policies
- ➔ Account lockout policies
- ➔ User properties

#### Module-12: Permission access control list

- ➔ File system
- ➔ Security and sharing permission to folders & files
- ➔ Difference between FAT & NTFS

#### Module-13: User profiles

- Types of profiles (local, roaming & mandatory profiles)
- Types of profiles (Local, roaming & mandatory profiles)
- Home folder
- Disk quotas
- Applying & denying disk space to user

#### Module-14: Group policy / system policies

- Organizational unit
- Delegation of control
- Configuration of group policy
- Applying group policies on OU's, domain & sites
- Group policy modeling
- Software deployment
- Script, folder redirection

#### Module-15: Dynamic host configuration protocol (DHCP)

- Introduction & configuration of DHCP server
- Configuration or scope
- Reservations
- BOOTP server
- DHCP backup

#### Module-16: Domain name system (DNS)

- What is DNS? DNS naming hierarchy
- Installing & configuring DNS
- Types of zones: primary, secondary, stub zone
- Lookup zones – forward & reverse lookup zones
- Resource records integration with Ads, SRV records
- Forwarders, dynamic updates

#### Modules-17: Internet information services

- Installing & configuration IIS
- Creating & hosting websites
- Virtual directory
- Backup and restoring sites
- FTP server configuration
- Uploading and downloading the contents through FTP

#### Module-18: Disk management

- Basic & dynamic disk

- Types of volume
- Creating- simple, spanned, striped, mirroring & RAID5

#### Module-19: Windows deployment services

- Introduction & configuration of WDS server
- Attended and unattended installation

#### Module-20: Terminal services

- Terminal server configuration
- Terminal server licensing mode
- Remote desktop

#### Module-21: Routing & remote access

- Remote access server configuration
- VPN, NAT, DHCP relay agent

#### Module-22: Windows server core

- Installation of windows server core 2008
- Basic command of server core
- Installation, managing & uninstalling server core features and roles

#### Module-23: Advanced topics

- Introduction to backup
- User data, system style backup & restoration
- Upgrading windows server 2003 to 2008
- Offline folder, VSS
- DNS backup & restore
- Extend partition using command prompt

For global certification contact 91-9556203167