

SYSTEM ADMINISTRATION FOR THE SOLARIS™(10) OPERATING SYSTEM

1. NAME : System Administration For The Solaris(Tm) 10 Operating System.
- 2.SECTOR : Information & Communication technology (ICT)
- 3.CODE : **ICT 327**
- 4.Entry Qualification : SSC passed & having completed course on UNIX(R) essentials featuring Solaris™10 operating system
- 5.Terminal Competency : After Completion of the training participants would be
- Manage file systems
 - Perform system boot procedures
 - Perform user and security administration
 - Manage network printers and system processes
 - Perform system backups and restores
- 6.Duration :120hrs
- 7.Course Content :

Practical Competencies	Underpinning Knowledge(Theory)
Module 1 Installing the Solaris 10 Operating System	Introduction to Solaris 10 OS Directory Hierarchy and File management Memory management , Managing local disk devices Managing Solaris OS File Syatem,Mounts and Unmounts Fundamentals of package administration Fundamentals of patch administration, Install & remove patches PROM fundamentals & commands NVRAM memory Parameters from shell Interrupt & unresponsive system Boot and Shutdown Procedures User administration System System security configuring & using Printer services. Controlling system processes File system backup and restores
Module 2 Introducing the Solaris 10 OS Directory Hierarchy	
Module 3 Managing Local Disk Devices	
Module 4 Managing File System	
Module 5 Performing Mounts & Unmounts	
Module 6 Performing Package Administration	
Module 7 Managing Software Patches on the Solaris 10	
Module 8 Executing Boot PROM Commands	
Module 9 Performing Boot & Shutdown procedures	
Module 10 Performing user Administration	
Module 11 Performing System Security	
Module 12 Configuring & using Printer Services	
Module 13 Controlling System Processes	
Module 14 Performing File System Backup & Restores	
Module 15 Backing up a mounted File System with a UP Snapshot	

LIST OF TOOLS & EQUIPMENTS

- 1). Centre Server Configuration
 - Intel P IV 2.0 GHz ,Intel Celeron 2.0 Ghz or AMD Athlon 2000 or above
 - a)GB RAM ideal**
 - b) 80 GB Ultra SCSI-3 / SATA hard disk
 - c) Windows 2003 Standard Server with CAL Licenses
 - d) Anti Virus Program

- 2).Centre Workstation Configuration
 - Intel P IV 1.3 GHz , Intel Celeron 1.3 Ghz or AMD Athlon 1300 or above with 40 GB IDE / EIDE Hard disk
 - 512 MB DDR RAM**
 - 10/100 BaseT PCI Ethernet
 - Sound Card
 - 2 Serial, 1 Parallel, 2 Universal Serial Bus ports
 - 101/104 PS2 Keyboard
 - Three Button Mouse
 - Headphones
 - 14 " SVGA Monitor or above
 - Anti Virus Program
 - Centre Networking
 - CAT-5 Structured Cabling with RJ-45 connectors
 - Patch Cables

- 3) A telephone line for Internet Purpose (Dial up Connection)
 - Internet account from Local internet service provider
 - 56 KBPS Dialup modem

- 4) Server Peripherals
 - Flat bed Scanner with at least 600 dpi resolution and LaserJet /Inkjet Printer
 - CD writer , DAT drive OR Zip Drive OR External hard disk for backup
 - Web cam, Software Tools, Tools for Hands-on sessions

- 5).Software: Windows XP Licensed Versions of MS Office XP or OpenOffice.org
 - Microsoft MSN Messenger or Yahoo Messenger.
 - Web Browser (Internet Explorer version 6.0 or above)
 - Solaris operating system