

Annex 1

Day 1 - PC hardware & software

- Introduction & System theory
- Mother Boards, CPU, Memory, Hard Disk, etc
- Disassembling Assembling & Internal Architecture of PCs.
- Memory Organizing & Upgrading.
- Monitors & Display Adapters.
- Partitioning, Formatting & System Configurations.
- Installing Operating System & OS repair
- Installing System Drivers & Utilities.
- Upgrading, Servicing & Maintaining Computers.
- PC Repairing, Diagnostics & Troubleshooting Problems.
- How to Prepare Specification for PC

Day 2 – Networking

- Introduction to networking
- Network concepts and definitions
- OSI reference model
- Network topologies
- LAN/WAN
- Wired/Wireless (Pros & cons)
- IP addressing
- DNS concept
- Introduction to NW devices
- Differences between devices (Layer 2 devices / Layer 3 devices)
 - Function of Layer 2 device (Layer 2 switch)
 - Function of Layer 3 device (Layer 3 switch / Router)
 - Function of Firewall, UTM (NGFW)
- Identifying ports, interface types and indicators
- Connecting devices
 - How to connect a PC / laptop to a NW.

Day 3

- Session1 - Security & Best Practices
- Session 2 - LGN – Part 1

Day 4

- LGN – Part 2

Day 5

- Session 1 - eServices ,
- Session 2 -Exam & Certificate Issuing

Annex 2

Lab environment should have the same setup which is at the end site, with the same Devices and the same IP plan if possible.

So the trainees will be comfortable with the Network at their respective organizations when they return to office.

Therefore, it should consist of;

1. SLT end device (DSU)
2. Site Firewall
3. POE Switch
4. Access Point
5. Laptops with Wi-Fi adapters
6. Hi speed broadband link with static IP

Annex 3

Location	No Of Sites	No Of Participants	No of Trainings
Colombo	216	216	9
Gampaha	27	27	1
Kaluthara	30	30	1
Kandy	48	48	2
Matale	19	19	1
Nuwara-Eliya	14	14	1
Galle	40	40	2
Matara	25	25	1
Hambantota	25	25	1
Kegalle	20	20	1
Ratnapura	34	34	2
Anuradhapura	39	39	2
Polonnaruwa	18	18	1
Badulla	37	37	1
Monaragala	19	19	1
Kurunegala	53	53	2
Puttam	26	26	1
Ampara	37	37	1
Batticaloa	25	25	1
Trincomalee	28	28	1
Jaffna	33	33	1
Killinichchi/Mulathivu	10/13	23	1
Mannar/Vavunia	11/13	24	1
	860	860	36