

***Title of Training Program:** Operating Systems and Network Concepts

***Duration:** 8 hours

Training Program Details:

*Objectives of Training Program

To understand the Operating System & Computer Network basics.

*Training Aids Required¹

White Board, Marker ,Video player and speaker

*Pre-requisites for attending Training Program

Not Applicable

*Completion Criteria²

Completion of Assessment

*Methodology³

Instructor Led Training

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***Reviewed By:**

***Date:** 24/6/2019

Notes

1. Hardware/Software required including Projector, software to be loaded on the machine, Presentation slides , Handouts with version number etc.
2. Completion Criteria: Specify if any tests have to be conducted. Indicate pass mark.
3. Methodology: Indicate whether the Training is a formal class room Training, etc.
4. The outline of training program should give the name of each topic along with it's duration in detail. If applicable breaks between sessions should also be documented. 15 minutes of the duration of the course should be reserved for accepting feedback.

*Outline of Training Program⁴		
*Name of Topic	*Duration	
	*Hours	*Minutes
Computer Systems <ul style="list-style-type: none"> • Components of computer systems <ul style="list-style-type: none"> ○ Hardware, Software, Processor, I/O devices ○ System Software, Application software 	1	30
Introduction to Operating Systems <ul style="list-style-type: none"> • Process & Process Management • Activity/Gamification on Process Management • Memory and Memory management • Compiler & Interpreter 	3	30
Computer Networks <ul style="list-style-type: none"> • Types of Network • Network Topology • IP Address • Protocols 	1	30
System Computing <ul style="list-style-type: none"> • Serial Computing • Parallel computing • Concurrent computing • Distributed Computing • Malicious Code, Virus, Worms, Antivirus 	1	30