

# Five days Hands-on Workshop Report

## Topic: “Networking and Security”

By

Mrs. Sunitha Amingad  
Technical Manager  
JetKing  
Bangalore



Date: 31.10.2018 to 5.11.2018

Time: 8.30 AM to 4.30 PM

Venue: VLSI Lab, SCE Bangalore.

The details of the workshop is given below:

Day	Date	Time		Topic Covered
Day 1	31.10.18	09.00-10.15		Basic network concepts. Communication modes, devices used to build the network
		10.15-10.30	Tea Break	
		10.30-12.30		Network Standards by OSI
		12.30-01.00	Lunch Break	
		01.00-03.00		TCP/IP model
		03.00-03.15	Tea Break	

		03.15-04.30		Topologies, media access protocols CSMA/CD
Day 2	2.11.18	09.00-10.15		TCP /IP services DHCP, DNS, FTP, TELNET
		10.15-10.30	Tea Break	
		10.30-12.30		Classful Addressing, Classless Addressing
		12.30-01.00	Lunch Break	
		01.00-03.00		Network devices Routers, Switches, Firewalls
		03.00-03.15	Tea Break	
		03.15-04.30		Vitual LANs
Day 3	3.11.18	09.00-10.15		IP Addressing IPV4 & IPV6
		10.15-10.30	Tea Break	
		10.30-12.30		Email Configuration
		12.30-01.00	Lunch Break	
		01.00-03.00		Wireless Configuration, authentication
		03.00-03.15	Tea Break	
		03.15-04.30		Wireless Security
Day 4	4.11.18	09.00-10.15		Verifying UDP packet through DNS
		10.15-10.30	Tea Break	
		10.30-12.30		Access Control List
		12.30-01.00	Lunch Break	
		01.00-03.00		Network Addresss Translation
		03.00-03.15	Tea Break	
		03.15-04.30		Static, Dynamic and PAT (Port Address Translation)
Day 5	5.11.18	8.30-4.30		Industrial visit to Jetking Sadashivnagar



*Students and faculties attending sessions of Mrs. Sunitha.*

*Prof. Vani V & Prof. Vani A*  
*Guest Lecture/Workshop/FDP Co-ordinators*

*Prof. Sandhya Rani MH*  
*HOD ECE*