



# MSME-Tool Room, Guwahati

Tool Room & Training Centre, Guwahati



## Course Time Table

SUBJECT: NETWORKING MANAGEMENT

DURATION: 2 weeks

PER DAY: 3 hrs

OBJECTIVE:

**At the end of Session Participants Should Know:**

- \* Concept regarding IP Address and their versions and different classes.
- \* Able to Troubleshoot and solve the Problem Regarding Computer Network.

Day	Course Content
Day 1	✓ Introduction to Networking ✓ Hardware components
Day 2	✓ Network categories ✓ Topology
Day 3	✓ Importance of Topology ✓ The Internet and Intranet
Day 4	✓ Transmission Media ✓ Wireless Transmission Media
Day 5	✓ Ethernet and LAN ✓ VLAN
Day 6	✓ Communications Protocols and Standards ✓ Communication Architectures ✓ Protocol layers and services
Day 7	✓ Reference Model ✓ OSI Model
Day 8	✓ TCP/IP Model ✓ Encoding & Framing
Day 9	✓ TDM (Time Division Multiplexing) ✓ FDM (Frequency Division Multiplexing)
Day 10	✓ IP (Internet Protocol) ✓ IP V4
Day 11	✓ IPV4 classes ✓ IPV4 subnets
Day 12	✓ ARP (Address Resolution Protocol) ✓ DHCP (Dynamic Host Configuration Protocol)
Day 13	✓ ICMP (Internet Control Message Protocol) ✓ UDP ✓ DNS
Day 14	✓ IP Versions 6 ✓ Cryptography

N.B:

\*Classes & Demonstration will be conducted every day for a time period of one hours & doubt clear Session of one hour with all day online/on-call support.

\*Hard copy of Certificate will be send to Participant's address by post or it may also be collected from our Centre when situation get normalized.

\*Each trainee can avail a free one-week Internship (Practical/Project based) training at our Centre after this pandemic situation get normalized.

You may contact with coordinator for course related further information.

Course Coordinator: SudeepBasak

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