



VISHWKARMA GOVERNMENT ENGINEERING COLLEGE,  
CHANDKHEDA

**Workshop - 'Hands-On Using Networking Tools'**

Name of Department/Organizer	:	COMPUTER ENGINEERING DEPARTMENT
Date & Time	:	17/4/2017 to 20/04/17 (4 Days)
Venue	:	VGEC,L Block (seminar hall)
No of Participants	:	45

**Objective of the Event**

Objective of this activity was to demonstrate the working of various protocols using networking simulators as well as emulators.

**Outcome of the Event**

Students learned how to capture and dissect the packets using Wireshark tool. They have also gone through in depth of protocol simulation using NS2 simulator as well as topology tracing in packet tracer. In addition, they have also been acquainted with well-known open source graph plotting tool known as 'GNU PLOT'.

Following contents were covered during workshop:

- Networking commands
- Topology design in NS2
- Simulating protocols in NS2
- Simulating topology in Packet Tracer
- Capturing and analyzing packets in wireshark
- Plotting the graphs in GNUplot

## Event Photographs

