



Gujarat Technological University

Organizes

One Day Faculty Development Program for MCA Faculties On

“Network Analysis using Wireshark”

Only for MCA Faculties of GTU Affiliated Institutes

Friday, 11th January 2019

Title: FDP on “Computer Networking, Network Analysis using Wireshark,
(Sub. Code: 4649301)”

Objectives: After attending the FDP, the participants will be able to:

1. Become aware of the basic concepts of computer networks
 2. Gain Basic concepts of Wireshark – Network Analysis Tool
 3. Understand packets capture using Wireshark
 4. Methods for capturing data packets
 5. Viewing and Analyse packets data using Wireshark
 6. To analyse network protocols
 7. Goal will be to cover almost all the salient aspects of the syllabus
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Topics to be covered:

- Overview of Computer Networks
 - Introduction of Wireshark
 - Installation of Wireshark
 - Capturing Traffic
 - Troubleshooting network with wireshark
 - Working with captured packets
 - Analysing Transport Layer Protocols
 - Analysing networks and applications
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Duration of the Workshop: 1 Day, Friday, 11th January 2019

Target Participants: Faculties teaching Computer Networking (CN) (Sub. code: 4649301), (Not more than 40, to be registered on a first cum first serve basis and maximum 02 faculty members from each institute).

Program Details:

Time	Activity	Venue
09:00 to 09:45	Registration	A2 Conference Hall, GTU-Chandkheda, Ahmedabad
09:45 to 10:00	Inaugural	
10:00 to 11:45	Session-1: Overview of Computer Networks and Understanding Basic Concepts of Wireshark	
11:45 to 12:45	Session -2 : Wireshark Part -1	
12:45 to 13:45	Lunch Break	
13:45 to 15:00	Session -2 : Wireshark Part -2	
15:00 to 15:15	Tea Break	
15:15 to 16:15	Session -2 : Wireshark Part -3	
16:15 to 16:30	Valedictory Function	

Expert Profile:

Professor (Dr.) Nirbhay Chaubey received Ph.D Degree (Computer Science) from the Gujarat University, Ahmedabad in year 2014 and has been working as an Associate Professor of Computer Science, S.S.Agrawal Institute of Computer Science (SSAICS), Navsari and Associate Dean of Computer Science, Gujarat Technological University, Ahmedabad, Gujarat, India. Before joining as the Associate Professor, he was working as an Assistant Professor of Computer Science, at Institute of Science & Technology for Advanced Studies & Research (ISTAR), Vallabh Vidyanagar for about 12 years.

Prof. Ninad Bhavsar has 15 years of teaching experience and currently he is working as an Assistant Professor of Computer Science, MCA Program, SVIT, Vasad affiliated to the Gujarat Technological University, Ahmedabad, Gujarat. He has completed MCA program from Dharmsinh Desai Institute of Technology, Nadiad in year 2002.

Participation Fees for the FDP: No Fees and workshop is only for GTU MCA faculties

Certificate: All participants who complete the 1-day FDP will receive certificate of Participation.

Note: No TA and DA provision for outstation participants.

How to Register?

Faculty interested in participate this FDP can register themselves at the following link on or before Friday, 4th January 2019.

Link for Registration: <https://goo.gl/forms/6zJ2nzcZuNprwHa32>

Management Committee:

Chief Patron:	Prof.(Dr.) Navin Sheth, Vice Chancellor, GTU
Patron:	Prof. (Dr.) S.D.Panchal, Incharge Registrar, GTU
Convenor:	Prof. (Dr.) S.K. Vij, ITM Universe, Vadodara.
Co-Convenor:	Dr. Jignesh Doshi, Dean, Computer Science, GTU
Coordinator:	Dr. Nirbhay Chaubey, Associate Dean, Computer Science, GTU
