

PLATINUM JUBLEE

Celebrating 75 years of WCE & 20 years of Department





Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Department of Information Technology

Computer Networks Lab

EVEN SEMESTER AY 2021-22

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Experiment Number: 11

Experiment Name: Using wireshark capture the packets to identify the password with

HTTP and HTTPS request.

Contents:

Problem Statement: Using wireshark capture the packets to identify the password with HTTP and HTTPS request.

Platform: Wireshark

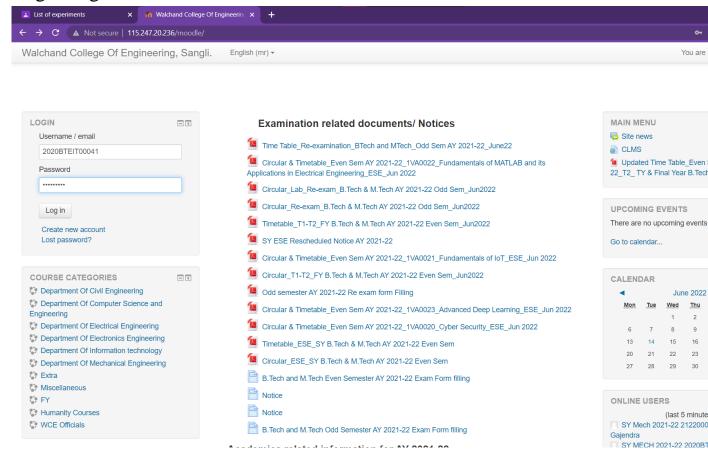
Site: WCE Moodle

Steps:

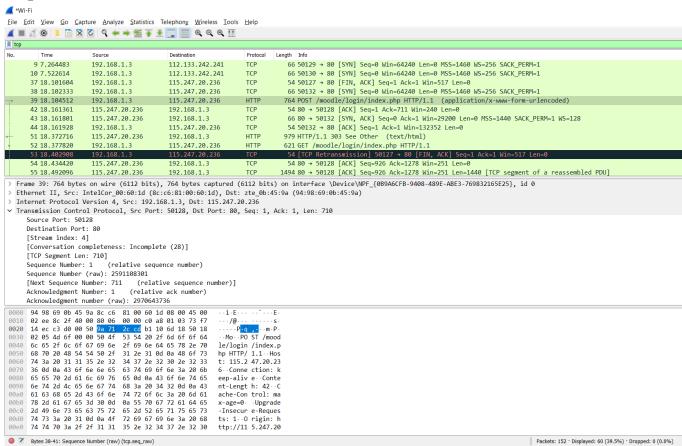
- 1. Start capturing packets in Wireshark
- 2. Login in by entering username and password from login page
- 3. Stop capturing packets
- 4. Search the packets by command "tcp contains user" to search packet containing username and password.
- 5. Get the username and password from the packet

Screenshots:

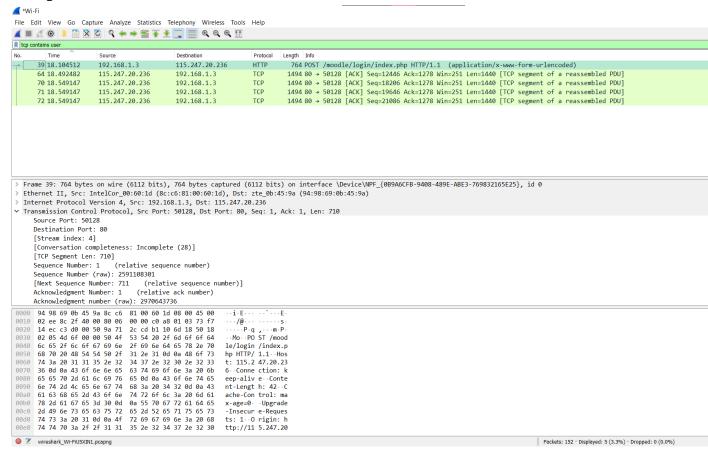
Login Page:



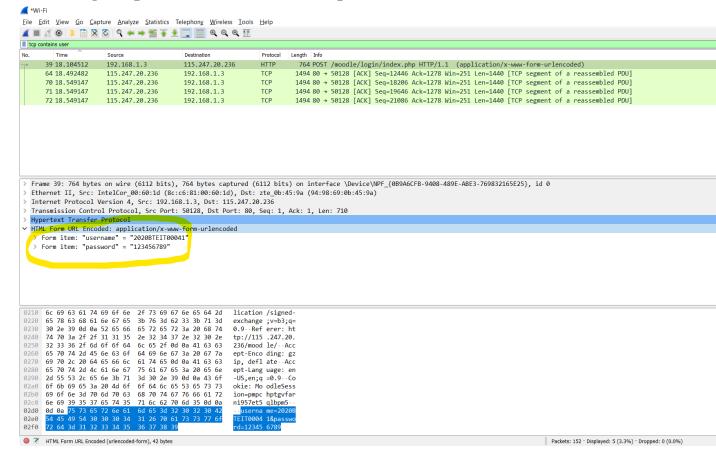
Captured Packets:



Using command "tcp contains user" we can shortlist the packet with the username and password:



Searching the packet for username and password:



The username and password are captured.

Conclusion:

As seen in the above images, Live packets from LAN and Username and Password are captured using Wireshark.