

Ref.No.: MMIT/AI & DS/2023-24/

Date: 23/08/2023

"Excellence in the field of AI & DS"
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

NOTICE

All the TE(AI&DS) students are hereby informed that Expert Lecture on “**Network Traffic Monitoring Using Wireshark**” is arranged on dated 25/08/2023 (Saturday). This Expert lecture insight on providing the knowledge of basics of Networking, use of Wireshark Tool in Network Analysis to trace connections, view the contents of suspect network transactions and identify bursts of network traffic.

Resource Person: Dr. Mangesh D. Salunke

Date : 25/08/2023 (Friday)

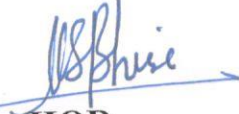
Time : 10:30 am to 1:00 pm

Venue : Data Science Lab, AI & ML Lab (AI & DS Dept.)

ATTENDANCE IS MANDATORY


Coordinator
Mr. N. S. Shaikh




HOD
Mr. A. K. Bhise
Head of the Department
AI & DS



“Techno-Social Excellence”
Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY(MMIT)
Lohgaon, Pune-47

“Excellence in the field of AI & DS”
Department of Artificial Intelligence & Data Science
(Academic Year 2023-24)

Expert Lecture
On
Network Traffic Monitoring Using Wireshark

Held on
25th August 2023


Coordinator
Mr. N. S. Shaikh




HOD
Mr. A. K. Bhise

Guest Lecture Details

Subject: Network Traffic Monitoring Using Wireshark

Attendee: 15 Students (TE AI & DS students)

Organized By: Department of Artificial Intelligence and Data Science, MMIT, Lohgaon-411 047

Date: 25th August 2023

Mode of conduction: Offline

Resource Person:

Name: Dr. Mangesh D. Salunke

Experience: 15 Years

Designation: Associate Professor

Institute: Marathwada Mitramandal's Institute of Technology Pune.

Objective of Guest Lecture

The objective of this expert lecture is to understand network traffic analysis, how communication takes place when particular protocols are involved and where it goes wrong when certain issues occur using Wireshark.

Introduction:

Wireshark is a network packet analyzer. A network packet analyzer presents captured packet data in as much detail as possible. You could think of a network packet analyzer as a measuring device for examining what's happening inside a network cable, just like an electrician uses a voltmeter for examining what's happening inside an electric cable (but at a higher level, of course). In the past, such tools were either very expensive, proprietary, or both. However, with the advent of Wireshark, that has changed. Wireshark is available for free, is open source, and is one of the best packet analyzers available today.



Session by Dr. Mangesh D. Salunke

He highlighted the importance and application of Wireshark in computer network. He conducted hands on Wireshark tool for network traffic analysis and Cisco Packet Tracer tool.

Following topics are covered in the seminar

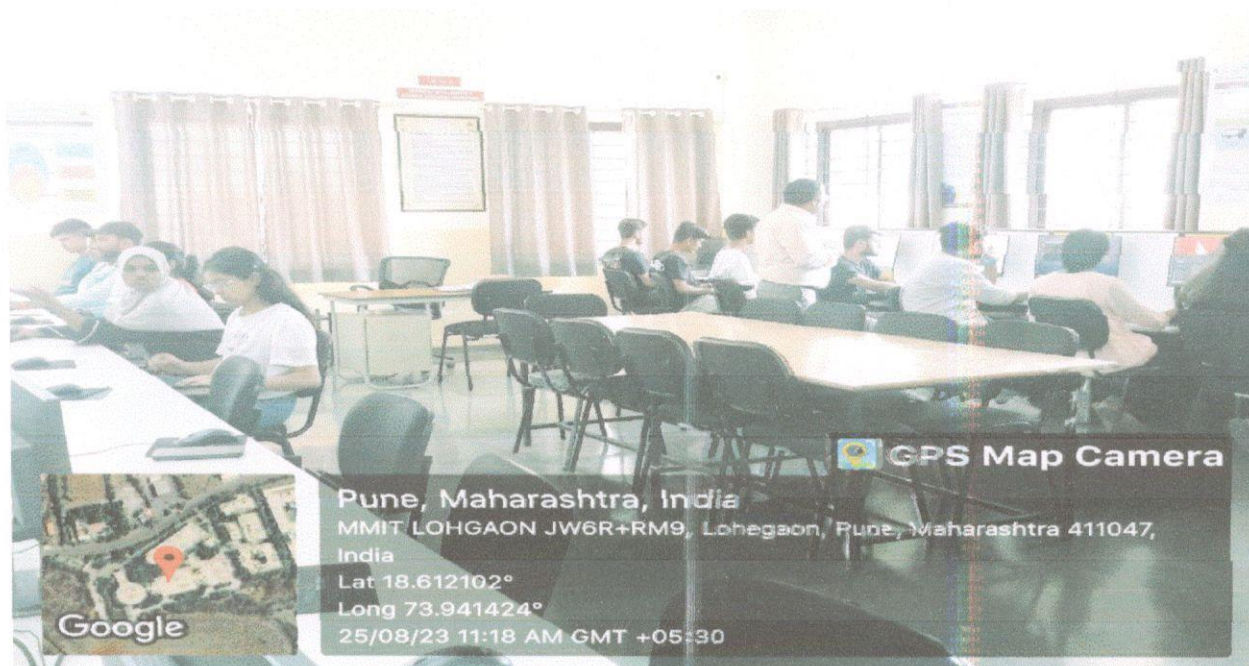
- Installation of Wireshark Software
- Basic concepts of the Network Traffic
- Most used Filters in Wireshark
- Wireshark packet sniffing
- Network Topology Design
- Routing Table
- Cisco Packet Tracer

Program Outcomes

- Students will able to understand network traffic analysis using Wireshark.
- Students will able to understand how communication takes place when particular protocols are involved and where it goes wrong when certain issues occur using Wireshark.
- Students will able to Design Network.
- Students will able to handle Cisco Packet Tracer Tools



Session photos





"Techno-Social Excellence"

Marathwada Mitramandal's Institute of Technology

Lohgaon, Pune-411047.

"Excellence in the field of AI & DS"

Department of Artificial Intelligence & Data Science

Attendance of Expert Lecture on 'Network Traffic Monitoring Using Wireshark'

Date:28/08/2023

Sr. No	Roll No	Name of the Students	Sign
1	TE15	Jadhav vikas vijaykumar	
2	TE13	Pratik Vishnu Hage.	
3	TE12	Krushnali S. Gulumkar	
4	TE24	Khushi Mujawar	
5	TE36	Snehal Ankush Thorat	
6	TE30	Pratiksha Malunjkari	
7	TE19	Atharva Ramesh Kalbhorr	
8	TE18	Jay Chakale	
9	TE01	Sumedh Kadam	
10	TE58	Viraj Kurale	
11	TE07	Chinmay Dagade	
12	TE27	Penna Venkata Swapna	
13	TE22	Shruti Lahamge	
14	TE23	Shreyash Malav	
15	TE10	Ashutosh Dalvi	
16	TE14	Harshal Sutar	
17	TE20	Pushkar Kale	
18	TE09	Sainath Dahiwal	
19	TE33	Rahul Saznikar	
20	TE31	Suchidanand Salve	
21	TE29	Prashika Nikam	
22	TE16	Priya G. Jagadhane	



Event Coordinator

Timestamp	Username	Roll No.	Name of the Student	Planning and Organization of the programmer	How well did you understand today's lecture	Interactions by the Speaker	The lecture was interactive and felt engaged	Adequacy of time for presentation of topics	Any suggestions
2023/08/25 12:37:27 PM GMT+5:30	atharva.kalbhori@mmmit.edu.in	19	ATHARVA KALBHORI	4	4	4	4	4	
2023/08/25 12:39:55 PM GMT+5:30	pratiksha.malunekar@mmmit.edu.in	TE 30	Pratiksha Vasant Malunekar	3	4	4	3	3	NA
2023/08/25 12:40:09 PM GMT+5:30	ashutosh.dalvi@mmmit.edu.in	TE 10	Ashutosh Dalvi	4	4	4	4	3	
2023/08/25 12:40:31 PM GMT+5:30	venkata.penna@mmmit.edu.in	TE27	Penna Venkata Swapna	4	3	3	3	3	NA
2023/08/25 12:40:41 PM GMT+5:30	snehal.thorat@mmmit.edu.in	36	Snehal Ankush Thorat	4	4	4	4	4	NA
2023/08/25 12:41:02 PM GMT+5:30	jay.chakole@mmmit.edu.in	TE 18	Jay Chakole	3	3	3	3	3	
2023/08/25 12:41:12 PM GMT+5:30	vikas.jadhav@mmmit.edu.in	TE15	Jadhav Vikas Vijaykumar	4	4	3	3	4	No
2023/08/25 12:41:32 PM GMT+5:30	sumedh.kadam@mmmit.edu.in	TEA101	SUMEDH SUBODH KADAM	3	4	4	3	4	
2023/08/25 12:41:52 PM GMT+5:30	khushi.mujiawar@mmmit.edu.in	TE24	Khushi Mujiawar	3	3	4	2	3	NA
2023/08/25 12:42:24 PM GMT+5:30	krushnali.gulumkar@mmmit.edu.in	TE12	Krushnali Sandip Gulumkar	4	4	3	3	4	
2023/08/25 12:42:24 PM GMT+5:30	pratik.hage@mmmit.edu.in	13	pratik	4	4	4	4	3	NA
2023/08/25 12:42:50 PM GMT+5:30	shruti.lahange@mmmit.edu.in	TE 22	shruti jitendra lahanghe	2	2	1	2	2	na
2023/08/25 12:44:05 PM GMT+5:30	shreyash.malay@mmmit.edu.in	Te-23	Shreyash Malay	4	4	3	4	3	Na
2023/08/25 12:44:36 PM GMT+5:30	chinmay.dagade@mmmit.edu.in	TE07	Dagade Chinmay Nitin	4	4	4	4	4	NA
2023/08/25 1:52:48 PM GMT+5:30	viraj.kurale@mmmit.edu.in	38	Viraj Kurale	4	4	4	4	4	Na

