



Deccan Education Society's  
**NAVINCHANDRA MEHTA INSTITUTE OF  
TECHNOLOGY AND DEVELOPMENT**

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Approved by AICTE, DTE and Affiliated to University of Mumbai.  
NAAC Accredited : B++ | MCA Programme Accredited by NBA

Ref No:

Date: 12<sup>th</sup> August 2023

**Internal Quality Assurance Cell (IQAC)**  
**Meeting No. IQAC/ 28 /2023**

The meeting was held of the Internal Quality Assurance Cell of DES's NMITD on 11<sup>th</sup> August 2023 at 2:30 pm. The following members were present:

Sr. No	Name of Member
1	Dr. M.B. Kekare, Prabhandhak, DES
2	Dr. Anita Bobade
3	Dr. Rasika Mallya
4	Dr. Sulakshana Vispute
5	Dr. Renuka Savant
6	Dr. Shamala Mujumdar
7	Mr.Pritam warke
8	Mr.Pratik Desai
9	Ms.Swapnali mahadik
9	Dr. Rahul Wadekar
10	Mr. Girish Jadhav
11	Mr. Ganesh Bhagwat

**Agenda:**

1. Proposed Certificate Courses
2. Feedback Analysis
3. Initiation of MMS OBE Template
4. Planning of Pre-Placement activities
5. Discussion on parents Meeting (MCA and MMS)
6. Initiate the Hackathon
7. Any other issues discussed with the permission of chair

**Action taken:**

1. Collaboration with MSSU
2. MMS OBE process initiated
3. AQAR 2022-23 Initiated to match the deadlines discussed in the previous meeting
4. Mid Term feedback initiated in both the departments



*mallya*  
**In-Charge Director  
DES'S NMITD**

Following points were discussed and decisions were taken:

[1] Proposed Certificate Courses

- ❖ It was discussed to proposed some certificates courses for both the departments and initiate the process to start the courses for the Academic year 2023-24

[2] Feedback Analysis

- ❖ The Feedback which was taken for the previous academic year has been discussed and suggested some improvements for the same.

[3] Initiation of MMS OBE Template

- ❖ Dr.Kekre sir advised to initiate MMS departments OBE template for implementation of Attainment.
- ❖ It was informed to all faculty members of MMS department to take OBE implementation seriously to set up the system for the same. All faculty members agreed to this.

[4] Planning of Pre-Placement activities

- ❖ It was discussed to prepare plan of action for the pre-placement activities of the Academic Year 2023-24
- ❖ The status of current Placement activities also discussed

[5] Discussion on parents Meeting (MCA and MMS)

- ❖ Dr.Kekare sir suggested to have Parents Teacher meeting in college which is essential for creating a support system that nurtures students' academic and personal growth.
- ❖ Sir also mentioned, Though PG students are generally adults, these meetings provide a platform for discussing academic progress, personal challenges, and career aspirations. Parents, often invested in their children's success, can gain insights into their performance and well-being, enabling them to provide better support at home.

[6] Initiate the Hackathon

- ❖ Dr.Rasika Mallya and Dr.Sulakshana Vispute suggested to initiate Hackthon in the Institute. All staff members agreed for the same
- ❖ Dr.Sulakshana Vispute mentioned about why hackathon is important for students hackathons provide a unique opportunity to apply theoretical knowledge to practical challenges, bridging the gap between classroom learning and real-world application.

*Rasika Mallya*  
Dr.Rasika Mallya

IQAC Co-ordinator



*Rasika Mallya*  
In-Charge Director  
DES'S NMITD



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**Practical Demonstration**  
**on**  
**Cybersecurity and Digital Forensics**  
**Advance Learner Activity**

**Topic: Use of sniffing tools : Wireshark & Steganography**

**Activity Conducted by : Mr. Adarsh Mani (Roll no C22001)**

**Date : 15/12/2023**

List of Students attended the Activity are as follows:

Adarsh Mani

Sushmita Gupta

Deepu Gupta

Hemant Santoshbabu

Keveinya U

Riddhi More

**Introduction:**

Practical Demonstration on Cybersecurity and Digital Forensics for MCA students was conducted on 15<sup>th</sup> Dec 2023. A talented student, Mr. Adarsh Mani (Roll no C22001) took the initiative to teach some advanced practical concepts. The focus was on showing tools for checking networks and some interesting tricks with hiding and uncovering secret messages in pictures and audio files.

The aim of the session was to give MCA students live demonstration experience with tools used in cybersecurity, especially those dealing with hiding and finding secret information.

**Learning outcome of the session was**

- 1. Understanding the use of different tools used for sniffing**



*Manjya*  
**In-Charge Director**  
**DES'S NMITD**



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We started by learning about tools used to check networks for sniffing. The student demonstrated the use of tools like Wireshark used for sniffing purposes. We also saw how these tools can capture and study the information going through a network.

## **2. Steganography - Sending Secret Messages**

### **a. In Pictures**

Next, we got to know about hiding messages in pictures. The student demonstrated the use of command prompt to teach us how to put secret text in images without changing how they look.

### **b. In Audio**

We also learned to hide messages in audio files. Using tools like Deep Sound and Audacity, we saw how to hide information within music or speech.

## **3. Decoding Hidden Messages**

Once the messages were hidden, the student showed us how to find them. We learned techniques to extract hidden information from pictures and audio. This included using special tools and understanding how to analyze hidden content.

## **Conclusion**

The workshop gave us a practical understanding of cybersecurity and digital forensics. Exploring network tools and learning about hiding and finding hidden messages was interesting and useful.

## **Acknowledgement**

A big thanks to our smart student Mr. Adarsh Mani who took efforts to practice and taught us all these different tools of cybersecurity and digital forensics

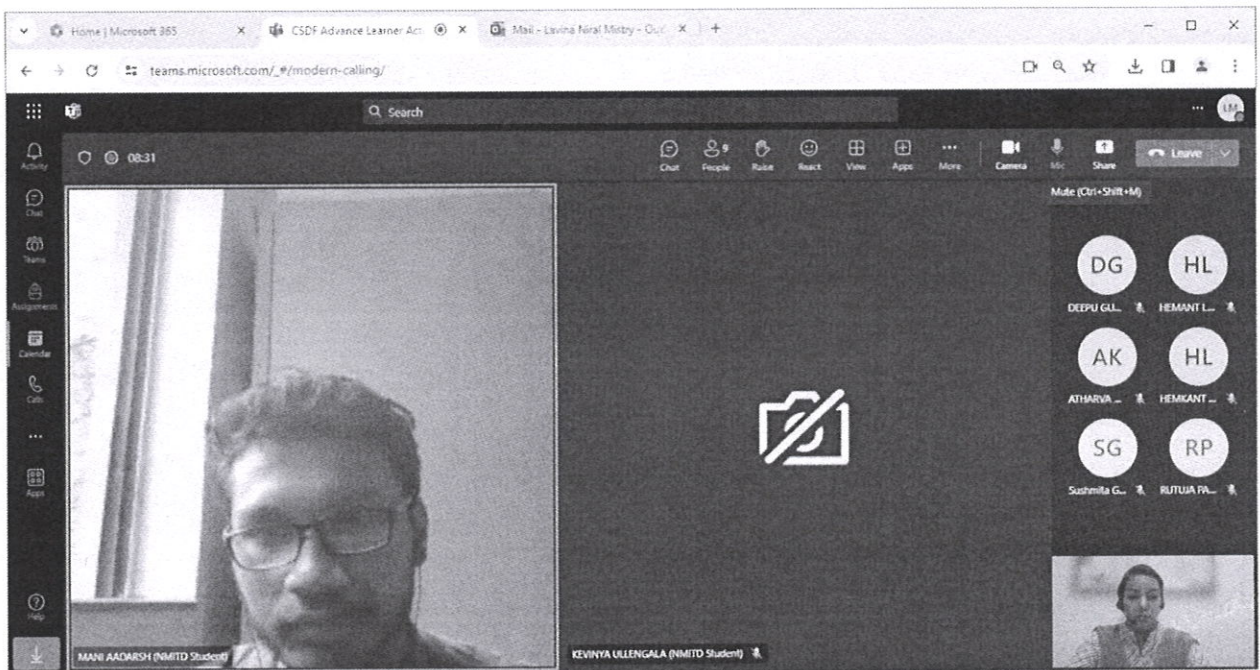
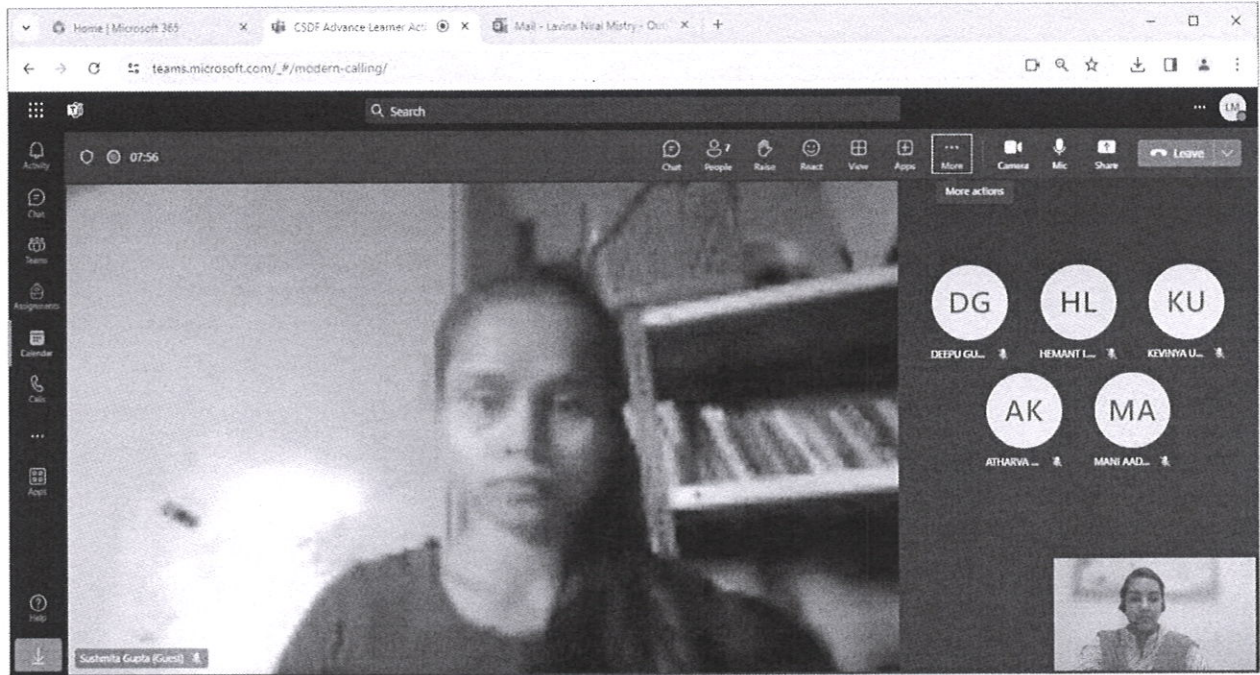
## **Screenshots of the Activity**



*Amalys*  
**In-Charge Director**  
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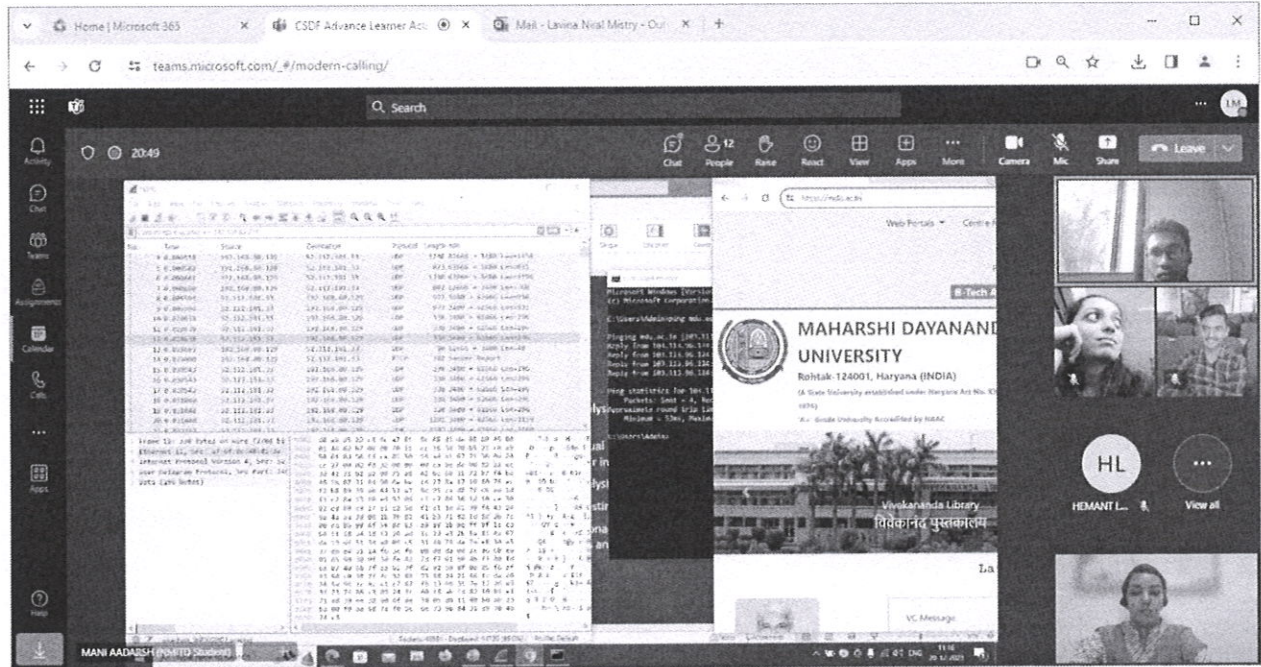
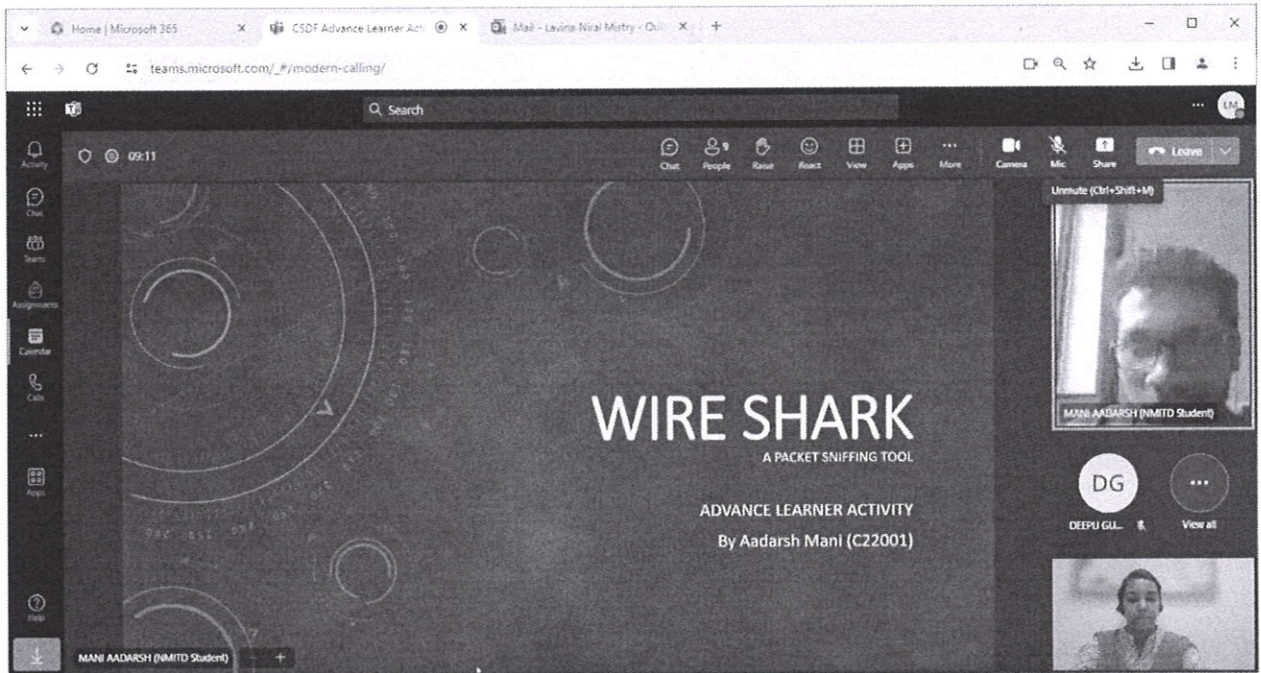
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# Deccan Education Society's NAVINCHANDRA MEHTA INSTITUTE OF TECHNOLOGY AND DEVELOPMENT



*Amally*

**In-Charge Director  
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