



St. MARTIN'S ENGINEERING COLLEGE

An Autonomous Institute

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Hyderabad | NAAC-Accredited,,A+“Grade2(f)&12(B)status(UGC)|NIRF
Ranked &ISO9001:2008Certified Institution| NBA Accredited| SIRO
(DSIR)

| UGC-Paramarsh | Recognized Remote Center of IIT, Bombay
Dhulapally, Secunderabad – 500100, Telangana State, India

www.smec.ac.in



National Level Online 5-Day Workshop

On

“Women in Cyber Security and Privacy in 2020”

(July 6th to 10th 2020)

A 5 days National Level Online 5-day Workshop on “Women in Cyber Security and Privacy in 2020” is being organized from 6th July to 10th July 2020 by the Department of Computer Science and Engineering and Information Technology, St. Martin’s Engineering College in association with Cyberpsy.

Objectives of the Workshop:

This workshop aims to help women identify and achieve the level of education and skills required to succeed in security and privacy positions across multiple industries, support the career advancement of women in security and privacy. Increase thought leadership by women in security and privacy. The vision is also to foster a community for knowledge-sharing, collaboration, mentorship, networking and research guidelines in Cyber Security.

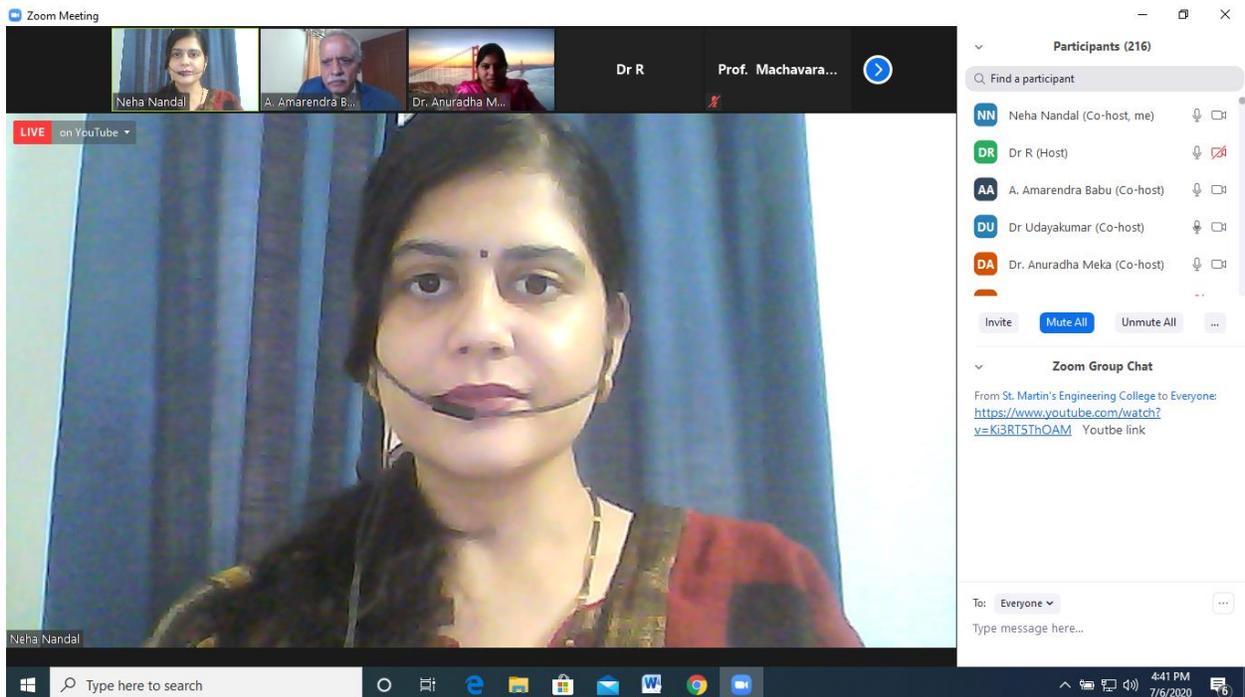
Day 1: 06-07-2020

Inauguration

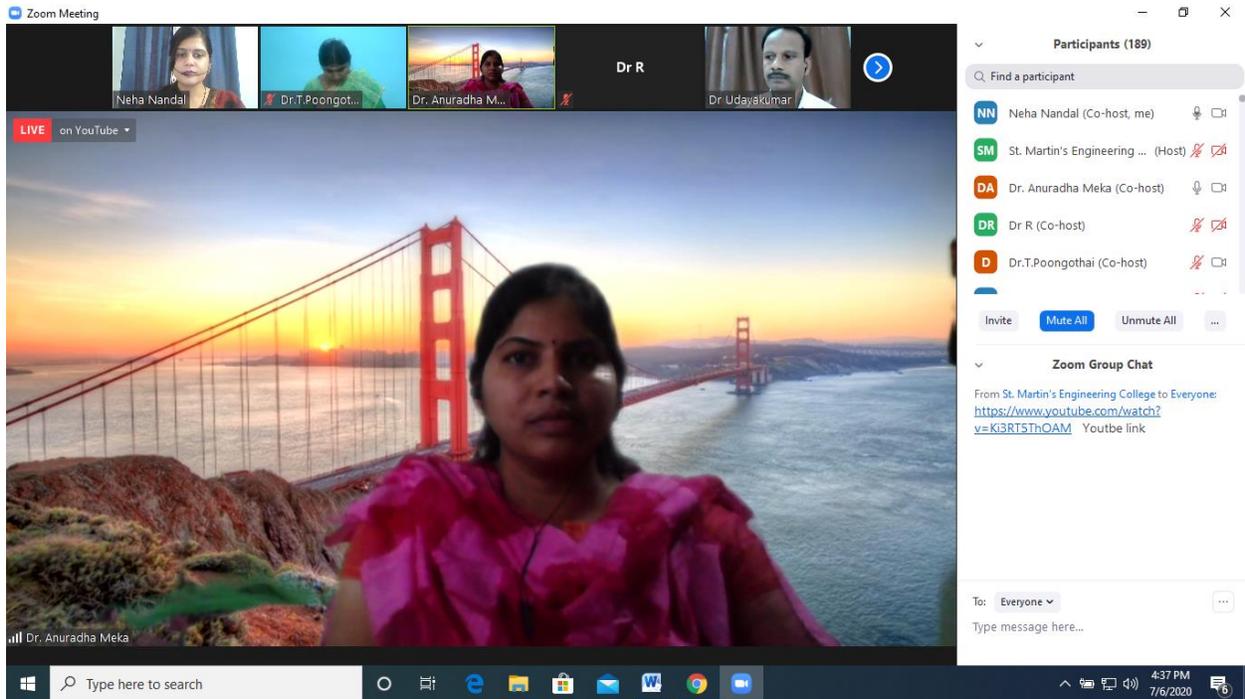
The FDP is inaugurated on 6th JULY 2020 evening at 5:00PM on online platform of Zoom. The Program started by welcome address by Dr. A Amarendra Babu and Mrs. Neha Nandal, Assistant Professor, CSE hosted the program. Then program Introductory address by Dr. Anuradha, Associate professor, CSE and Program Coordinator of workshop has been given. Later Dr. P Udaya Kumar, HOD (CSE), and Convenor of Workshop addressed the gathering followed by the address of Dr. S V Achuta Rao, HOD (IT), and Convenor of Workshop. Then the presidential address has been given by the principal of SMEC, Dr. P Santosh Kumar Patra. Later, the special guest Ms. Hima Bindu Vejella, Senior Manager at OpenText, interacted with the participants. Then the Guest of Honor, Ms. Bhargavi Sunkara, Head of Corporate Technology, BNY Mellon Technology, Maharashtra, India addressed the gathering. Then the Chief Guest, Mr. J A Chowdhary, IT Advisor to Government of Tamil Nadu addressed the participants. About 1000 participants from women professional from various industries, research scholars and students from various engineering college/Universities were participated in the program from all over the India. Finally, Dr. Poongothai said vote of thanks to all.



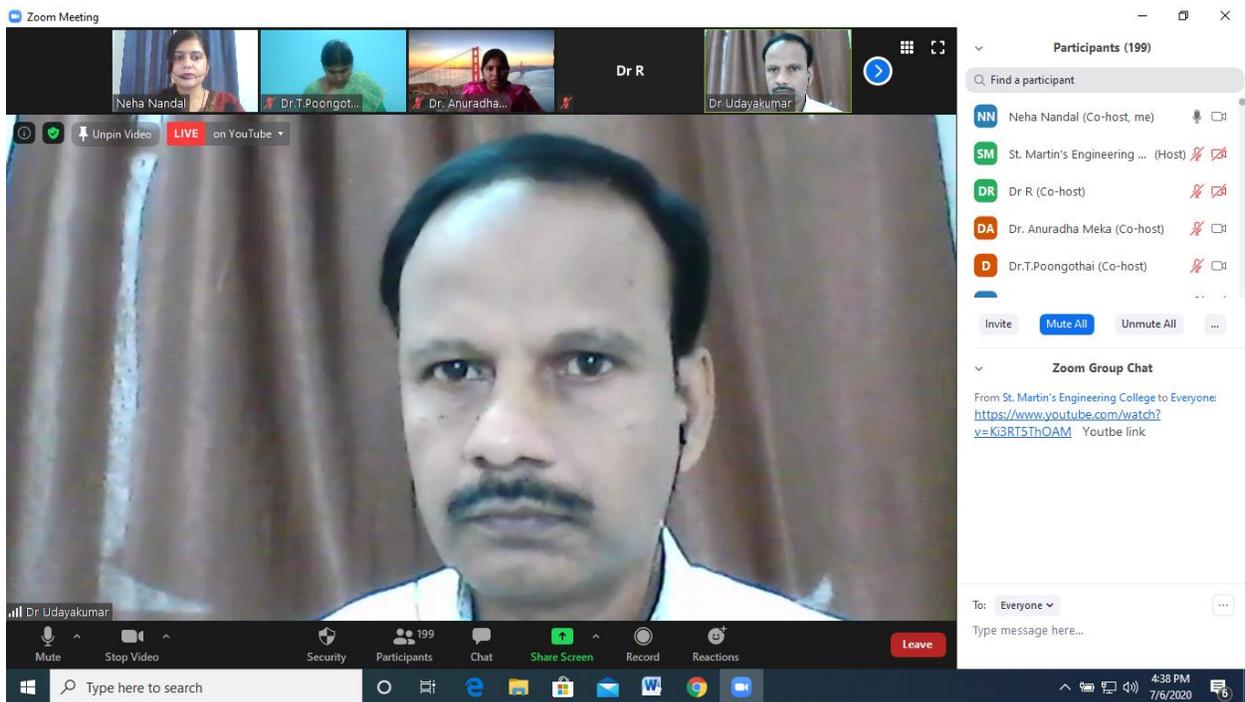
Dr. A Amarendra Babu giving welcome address



Mrs. Neha Nandal giving welcome address



Dr. Anuradha addressing participants



Dr. Udaya Kumar, HOD, CSE addressing participants



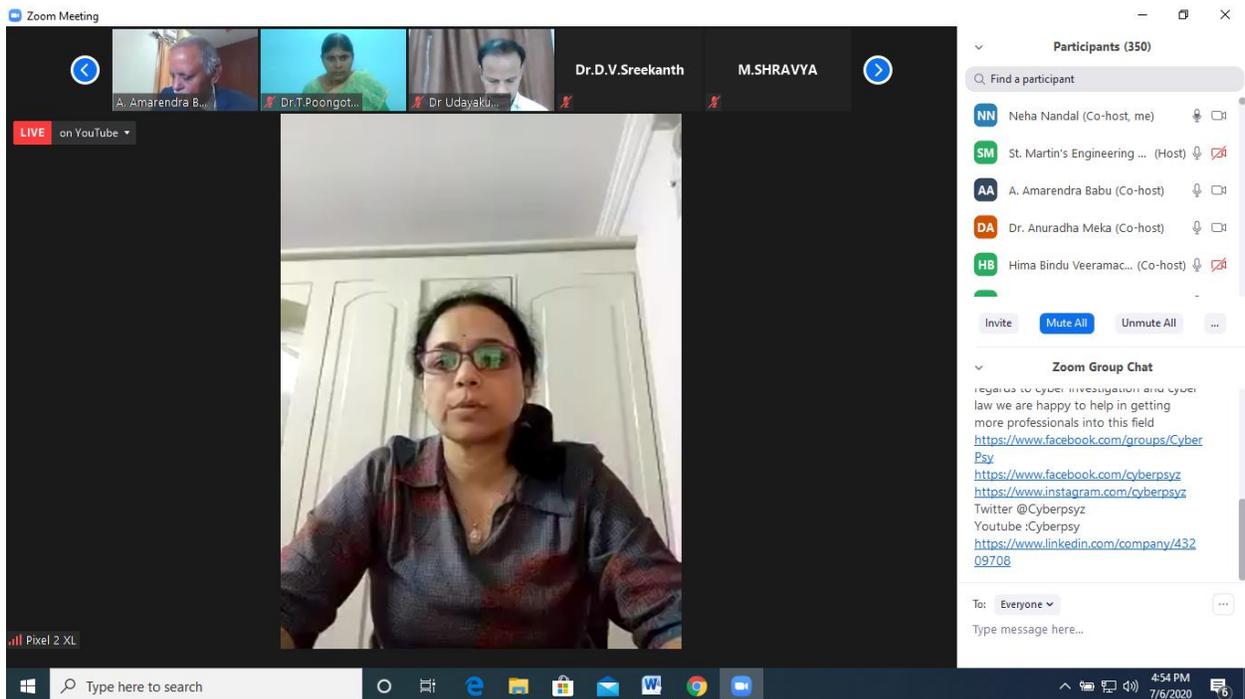
Dr. S V Achuta Rao, HOD, IT addressing participants



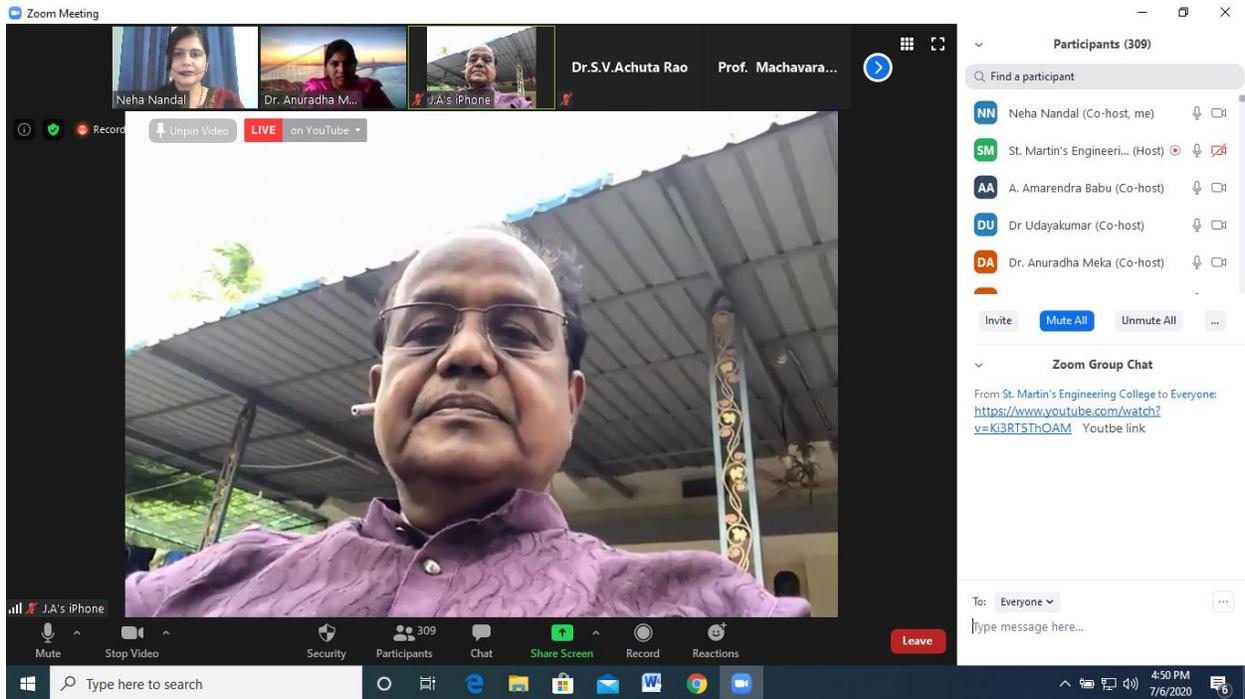
Dr. P Santosh Kumar Patra, Principal, SMEC addressing participants



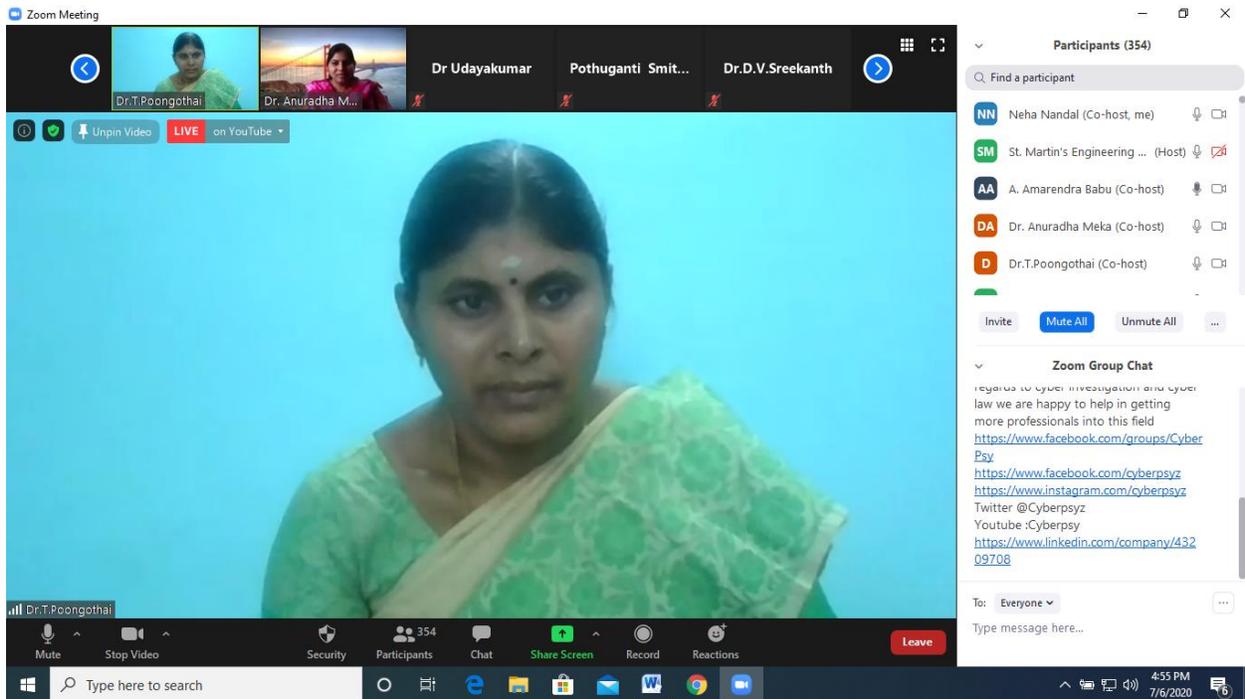
Mrs. Hima Bindu V, Special guest addressing participants



Ms. Bhargavi Sunkara, Guest of honor, Head of Corporate Technology, BNY Mellon Technology, Maharashtra, India addressing participants



Mr. J A Chowdhary, Chief guest, IT Advisor to Government of Tamil Nadu addressing the participants

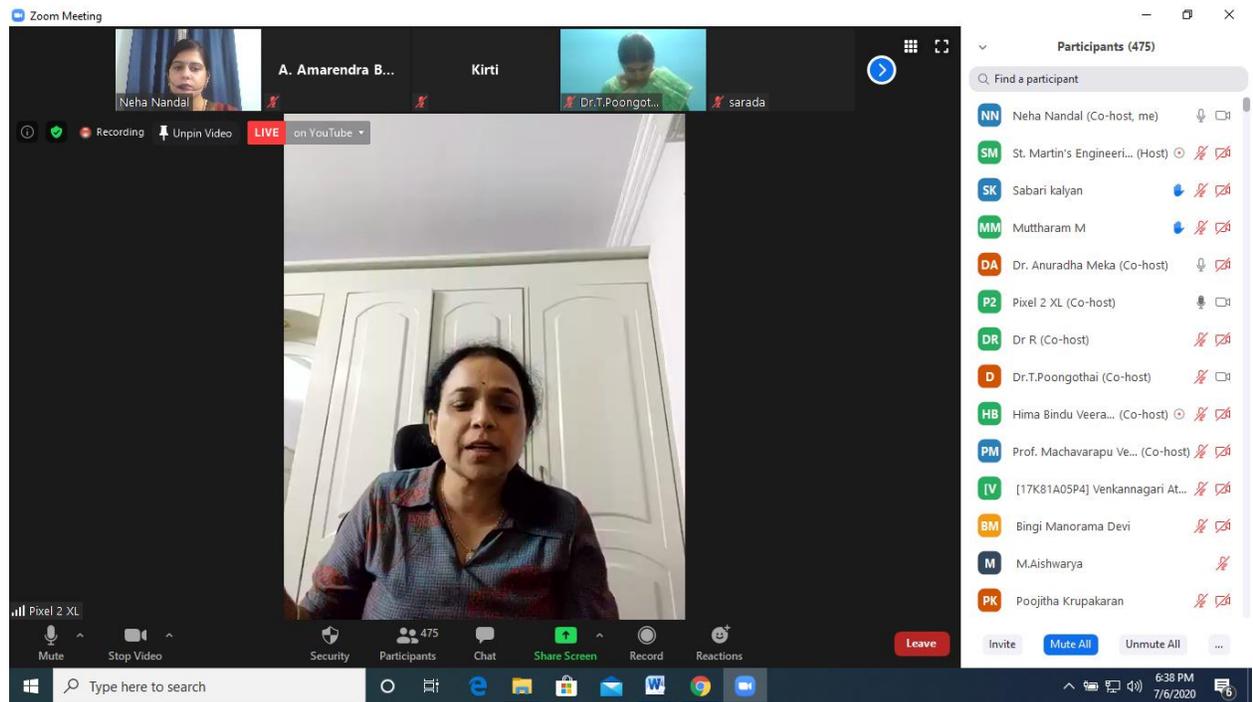


Dr. Poongothai, Professor, CSE, SMEC saying vote of thanks

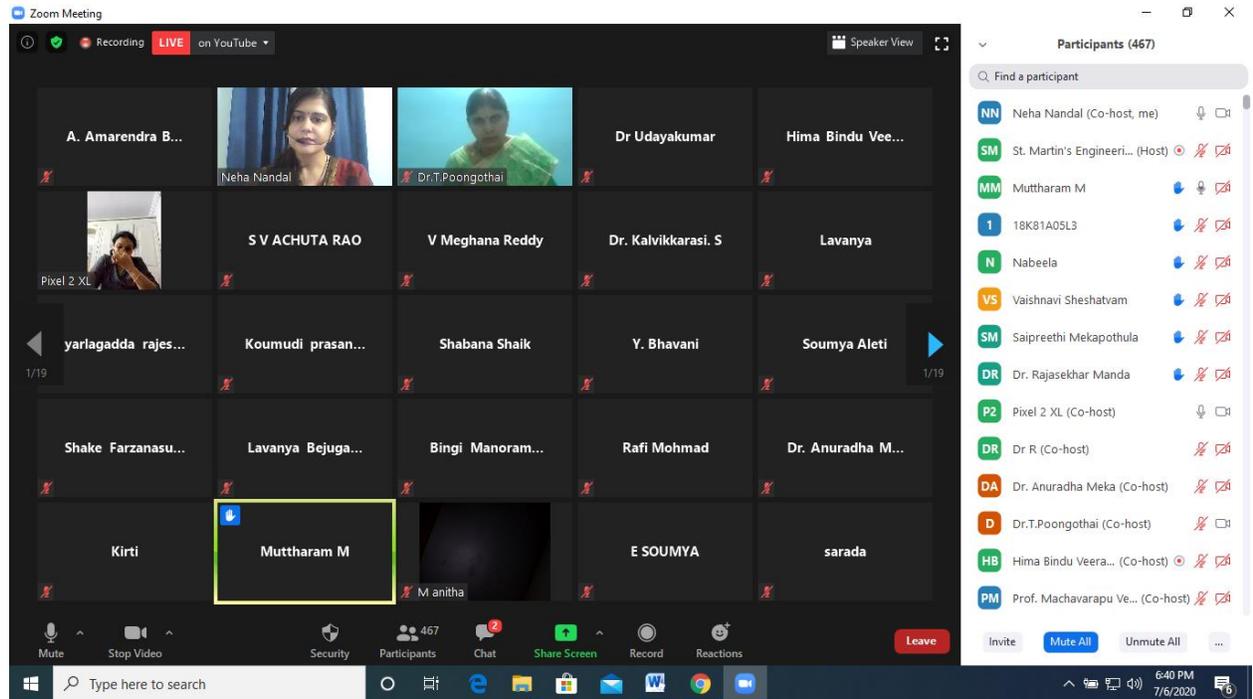
Session: Aspects of Secure Development

Resource person: Ms. Bhargavi Sunkara, Head of Corporate Technology, BNY Mellon Technology, Maharashtra.

Ms. Bhargavi Sunkara started with the introduction of Secure Development. She has covered all key concepts of the topic and it went as an oral session. Madam has discussed about importance of authentication. Then also the topic of Authorization has been covered up. Different types of Authentication and Authorization being discussed in the session with examples. The difference between privacy and security has been explained by the speaker. Speaker discussed about OWASP platform to learn more about the cyber security. Madam has talked about different secure platforms and also about HTTPS for providing more security. Discussion about SSL layer has also been done in the session. The session went really useful and Speaker has taken all queries of participants very efficiently.



Mrs. Bhargavi delivering lecture



Mrs. Bhargavi handling queries raised by participants

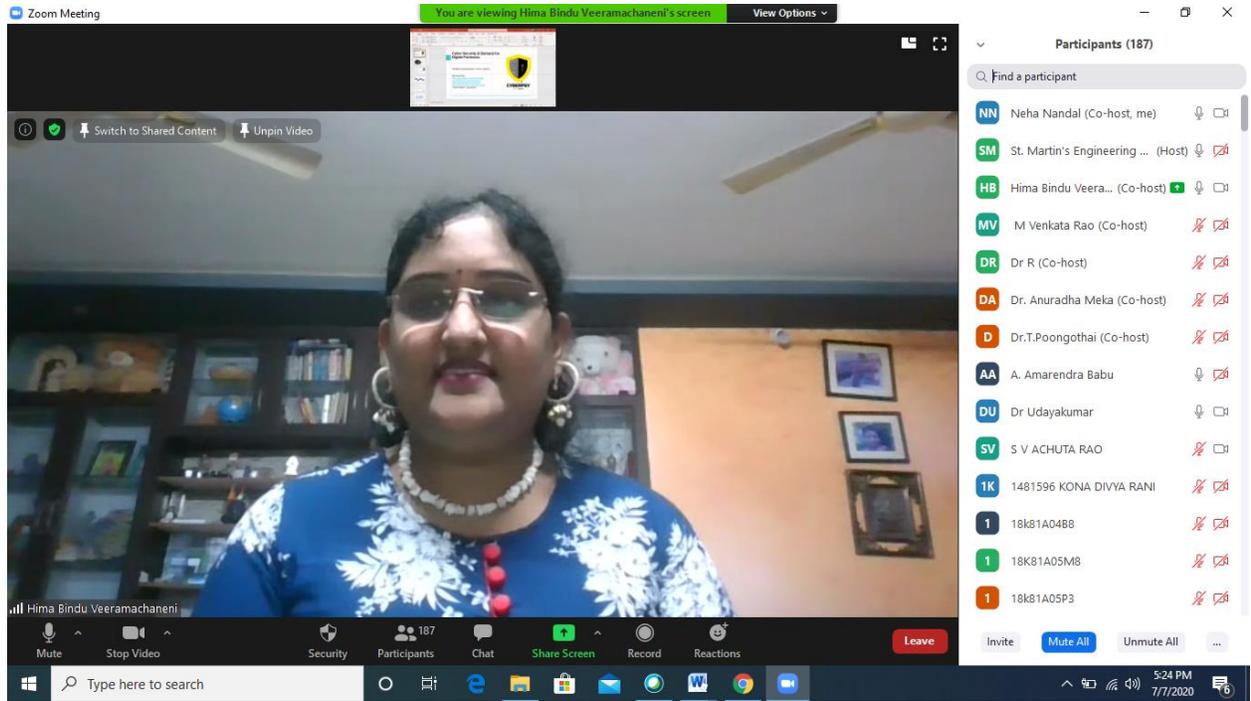
Day 2: 07-07-2020

Session: The Journey of Digital Forensics

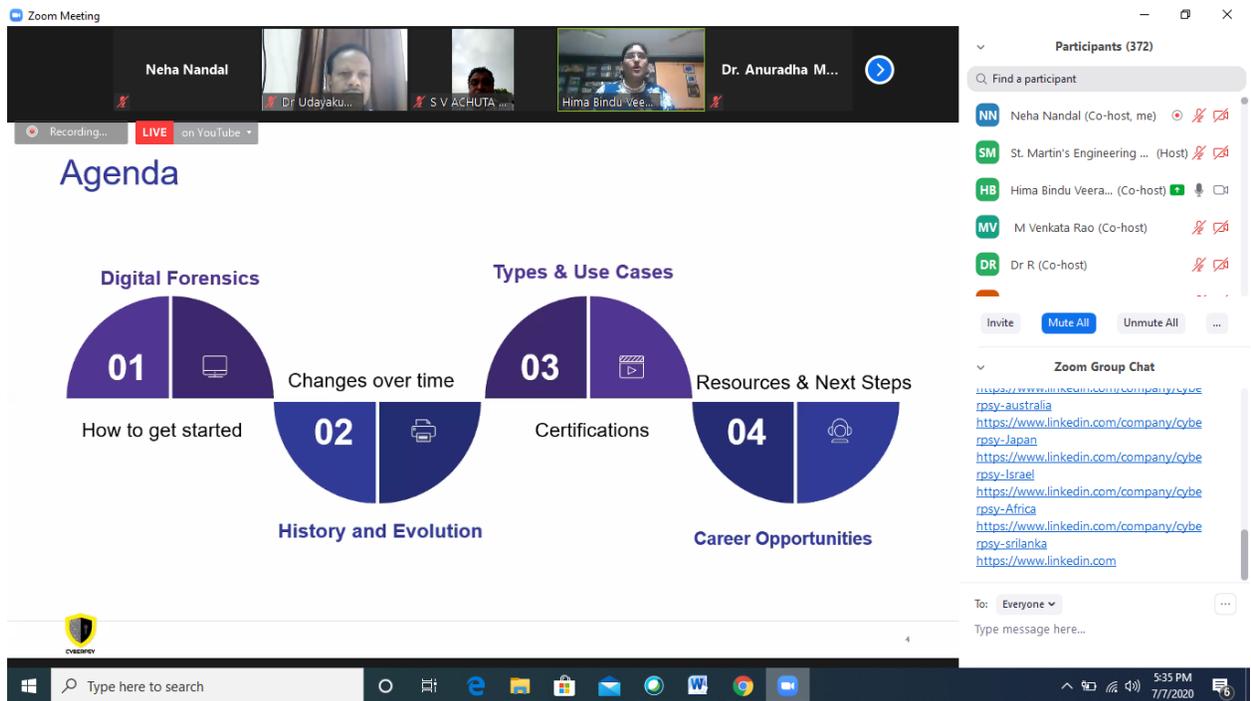
Resource person: Mrs. Hima Bindu - Founder Cyberpsy, and Sr. Manager at OpenText

The second day of Online Workshop started with the greetings of evening at 5:30 PM on Zoom Platform. The key note speaker Mrs. Hima Bindu has been introduced by the host to the participants. Speaker started with the introduction of Cyberpsy and her profile to make participants aware to reach out to her for their queries. She has discussed about the resources required to follow the Cyber Security as professional career. Ms. Hima talked about introduction of Cyber Security and different types of digital forensics with real time examples. Madam talked about an incident happened in 1974 related to Cyber Security and gave an insight to participants related to the topic. Ms. Hima discussed about different types of cases that can come over while working in this field. The discussion on EnCase tool for cyber security investigation has been discussed and also how to get the certification in the field. The free Tool of Autopsy has also been discussed by the speaker.

The questions on difference between Hacking and Ethical Hacking, black hat hacker, white hat hacker and gray hat hacker etc. and all queries has been tackled by the speaker. The participants felt overwhelmed with the session and the queries are been taken by the Speaker at the end of the session. The second day of FDP went really well and valuable.



Ms. Hima Bindu Interacting with participants



Ms. Hima Bindu discussing agenda of session

Zoom Meeting | You are viewing Hima Bindu Veeramachaneni's screen | View Options

Participants (430)

Find a participant

- NN Neha Nandal (Co-host, me)
- SM St. Martin's Engineering ... (Host)
- HB Hima Bindu Veera... (Co-host)
- MV M Venkata Rao (Co-host)
- DR Dr R (Co-host)

Zoom Group Chat

<https://www.linkedin.com/company/cyberpsy-australia>

<https://www.linkedin.com/company/cyberpsy-japan>

<https://www.linkedin.com/company/cyberpsy-israel>

<https://www.linkedin.com/company/cyberpsy-africa>

<https://www.linkedin.com/company/cyberpsy-srilanka>

<https://www.linkedin.com>

To: Everyone

Type message here...

Unmute | Start Video | Security | Participants | Chat | Share Screen | Pause/Stop Recording | Reactions | Leave

Type here to search

5:53 PM 7/7/2020

Well-known cases

Mark Zuckerberg

- Lawsuit on FB ownership



The capture of Bin Laden

- Critical Information



BTK Serial Killer

- Mystery for 30+ years



Mrs. Hima bindu discussing different examples

Zoom Meeting | You are viewing Hima Bindu Veeramachaneni's screen | View Options

Participants (430)

Find a participant

Zoom Group Chat

<https://www.opentext.com/products/enr-edubooksonlinelearningandlearningmanagementsystemcertifications>

To: Everyone

Type message here...

Unmute | Start Video | Security | Participants | Chat | Share Screen | Pause/Stop Recording | Reactions | Leave

Type here to search

5:53 PM 7/7/2020

Project Vic – Tech for Good

- National Association to Protect Children: Fight against child exploitation
- Leave no victims behind
- Helping to Identify and Rescue Children from sexual exploitation
- Project VIC hash library into EnCase Forensic

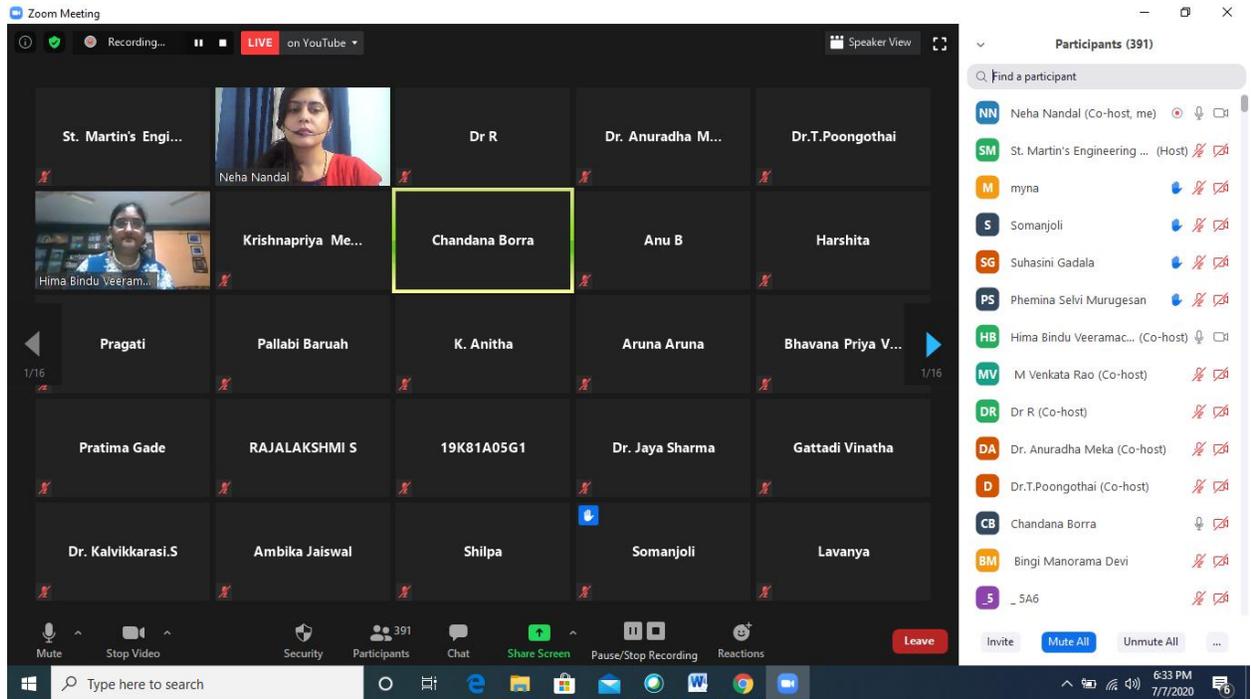


Certifications

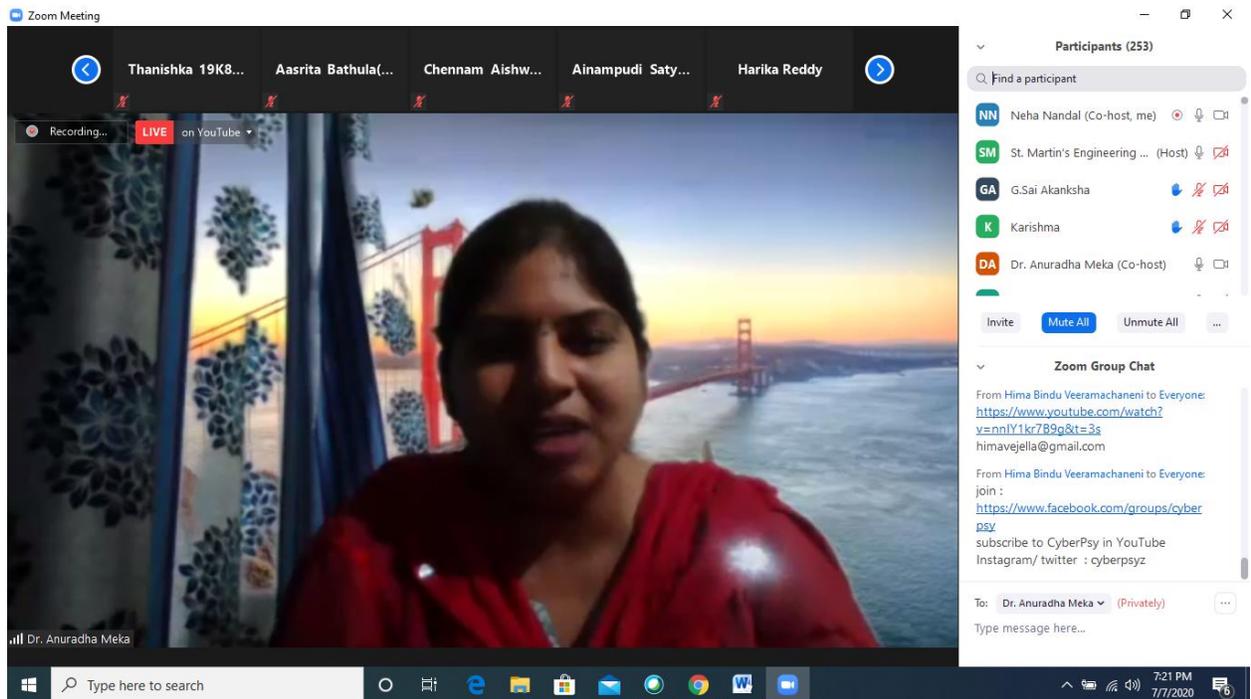
- The EnCase™ Certified Examiner
- Certified Forensic Security Responder
- The EnCase™ Certified eDiscovery Practitioner
- Global Information Assurance Certification



Mrs. Hima bindu discussing about encase tool



Ms. Hima bindu answering queries of participants



Dr. Anuradha saying vote of thanks for the session

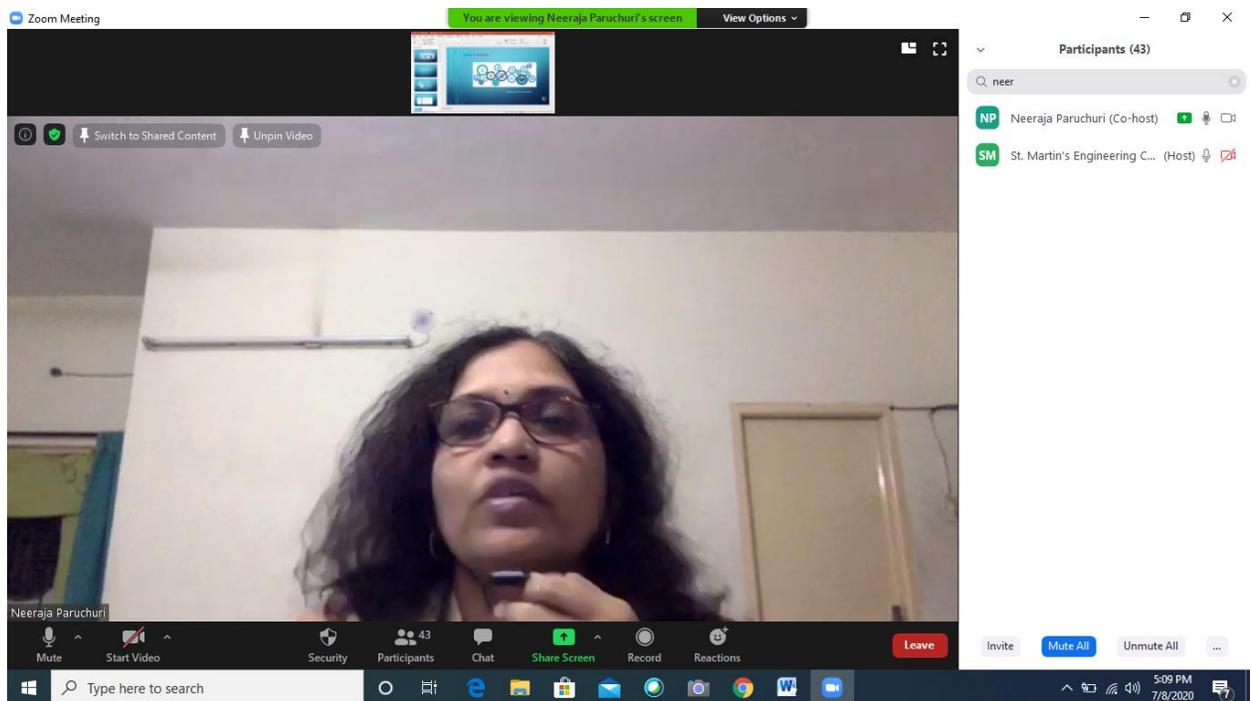
Day 3: 08-07-2020

Session: Spotlight on DevSecOps

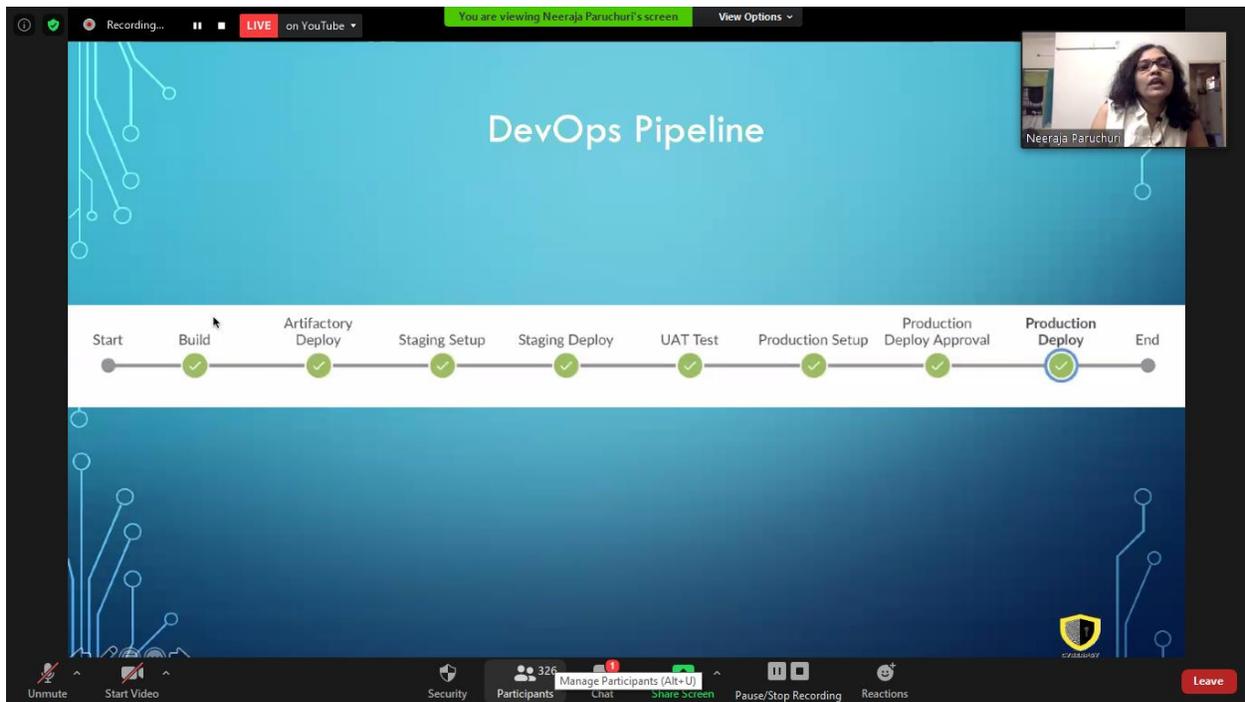
Resource person: Mrs. P Neeraja – Principal Security Analyst at Oracle.

The third day of online workshop started with delightful evening at 5:30 PM. Ms. Neeraja started with giving introduction on DevSecOps. She has taken the topic in depth and discussed all crucial points required to pursue the career in the field. Ms. Neeraja started with the history of DevSecOps and the traditional SDLC method. The difference between Monolithic and Micro services has been discussed by the speaker along with the discussion on data and stats in the field. Then the pipeline for DevSecOps has been elaborated by the speaker. The life cycle model of DevSecOps was being discussed in detail. The topic “When and where to start security” has been taken up by Ms. Neeraja. Later, the discussion on DevSecOps with Security has been taken into consideration. The principles of DevSecOps are being covered up in session. The topic like Artifactory Deploy, SAST, UAT, DAST, WAF Deploy, Compliance Scan etc. has been discussed. Different useful resource’s links were being shared with the participants.

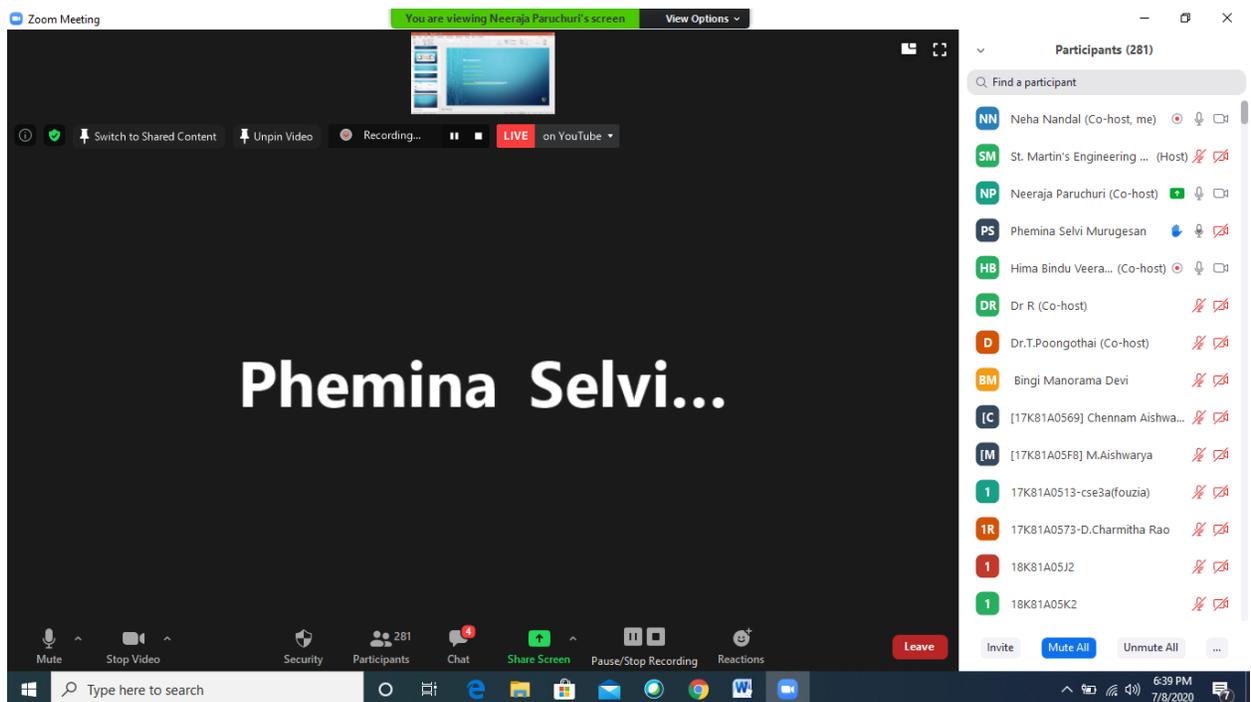
The session was very admirable and participants found it very useful. The queries of participants have been handled by the Speaker in the end.



Mrs. Neeraja delivering lecture



Mrs. Neeraja discussing devops pipeline



Participant (Ms. Phemina) Asking query to the speaker

Day 4: 09-07-2020

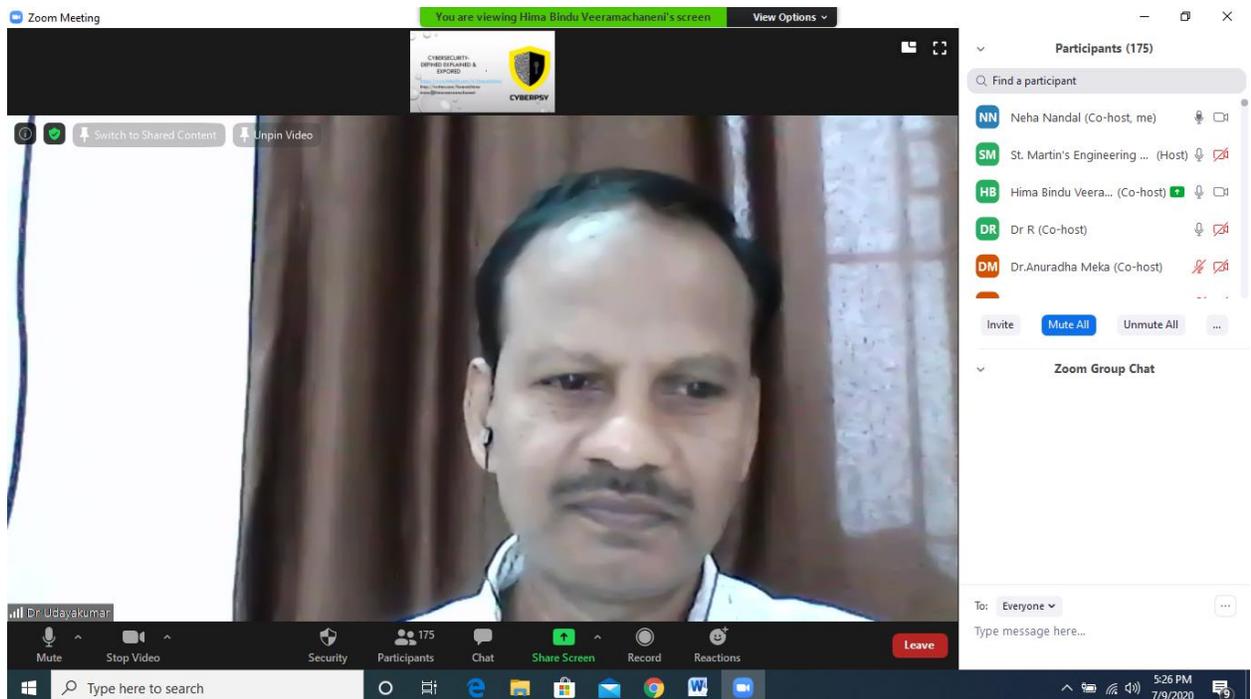
Session: Cyber Security - Defined, Explained & Explored

Resource person: Ms. Hima Bindu - Founder Cyberpsy, and Sr. Manager at OpenText.

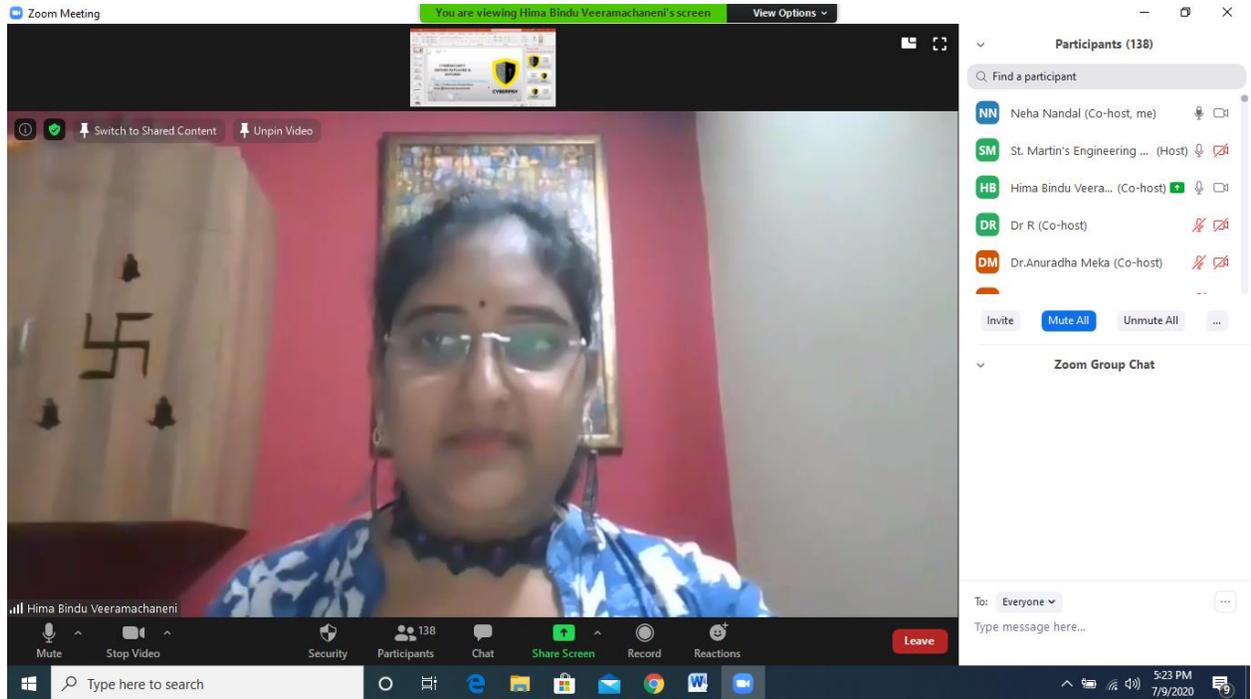
The fourth day of Online Workshop started at 5:30 PM. Ms. Hima Bindu started with the importance of cyber security and digital forensics. She interacted with participants and discussed about Cyber Security. Initially, she discussed the agenda of the session. The discussion on suspicious, malicious activities has been taken up in consideration by the speaker. She provided some real life examples to explain how cybercriminal thinks and how they work to capture victims' attention and how cybercriminal steal online. Ms. Hima elaborated about different scams that happened in real life and the chances of some phishing scams that can happen with participants.

Ms. Hima Bindu talked about the methods and ways to be aware and tackle the situation if one got into any such kind of traps of cybercrimes. She explained each and every point in details and how it can affect one's data. Ms. Hima Bindu explored different job opportunities present in the scenario. Then she discussed about the statistics on making a choice for Cyber Security. The future scope in the area and salary structures in the field. Also the career path map has been shown by the speaker to the participants.

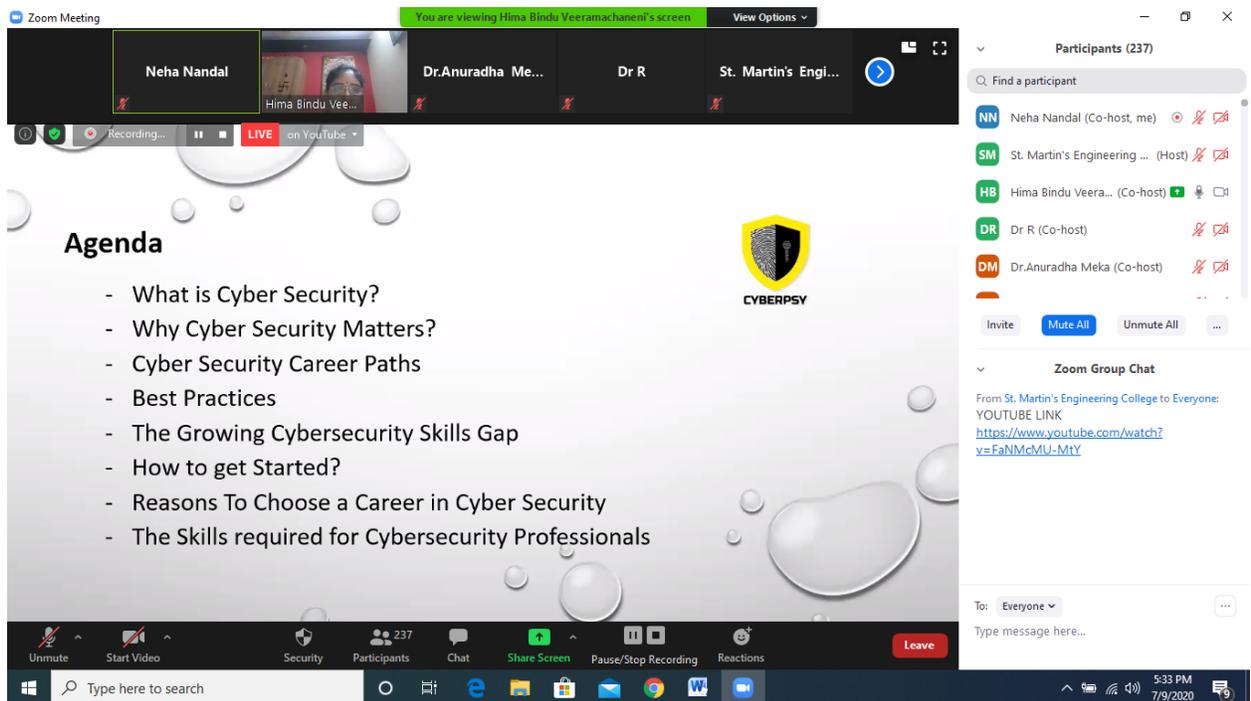
Lastly queries of participants regarding Cyber Security have been handled by the speaker and Dr. Poongothai, Professor, CSE said vote of thanks to all. The participants found the session very informative and useful.



Dr. P Udayakumar, HOD-CSE welcoming resource person of the day



Mrs. Hima bindu interacting with participants



Mrs. Hima bindu discussing agenda of session

Zoom Meeting

Participants: Neha Nandal, Dr. Anuradha Me..., Dr R, St. Martin's Engi...

Recording... LIVE on YouTube

HOW CYBER CRIMINALS WORK ?

- THE CRIMINALS ARE VERY IMAGINATIVE WHEN THEY ARE TRYING TO TRICK YOU INTO GIVING THEM MONEY. THEY DO NOT JUST STEAL YOUR MONEY; THEY COULD ALSO STEAL YOUR IDENTITY AND RUIN YOUR LIFE.
- AS MEDICAL COSTS RISE, MEDICAL IDENTITY THEFT IS ALSO ON THE RISE. THE IDENTITY THIEVES CAN STEAL YOUR MEDICAL INSURANCE AND USE YOUR MEDICAL BENEFITS FOR THEMSELVES, AND THESE MEDICAL PROCEDURES ARE NOW IN YOUR MEDICAL RECORDS.
- CREDIT CARD THEFT, IDENTITY THEFT FOR ITR RETURN
- HACKERS MAKE 1.5 MILLIONS PER DAY
- IN TODAY'S BUSINESS WORLD HACKERS CONTINUOUSLY SEEK NEW AND TERRIFYING METHODS TO GAIN ACCESS TO YOUR NETWORK
- SOCIAL ENGINEERING – CONFIDENTIAL INFORMATION WITH NO TOOL
- LOOPHOLES ARE OPEN TO HACK SYSTEM - RANSOMWARE ATTACKS

CYBERPSY

Zoom Group Chat

From St. Martin's Engineering College to Everyone:
 YOUTUBE LINK
<https://www.youtube.com/watch?v=FaNMxMU-MTY>

To: Everyone
 Type message here...

Windows taskbar: Type here to search, 5:45 PM 7/9/2020

Mrs. Hima bindu delivering lecture

Zoom Meeting

Participants: swetha, hridoya chatterjee, Naga Apoorva..., Dr. V. Rangaveni, Nagarani Mudiraj

Recording... LIVE on YouTube

CERT-In warns of massive cyberattack using Covid as bait

TIMES NEWS NETWORK

2 MILLION TARGETS?

- Phishing attack feared to start today with hackers using email IDs such as "ncov2019@gov.in"
- The "malicious actors" claim to have 2 million individual/citizen email IDs
- May impersonate govt agencies, depts, trade bodies tasked to oversee Covid aid
- Don't open attachment in unsolicited emails: CERT-In

"ncov2019@gov.in". The attackers are expected to send malicious emails under the pretext of local authorities that are in charge of dispensing government-funded Covid-19 support initiatives.

▶ 'Email ids of 2m', P 13

CYBERPSY

Zoom Group Chat

From St. Martin's Engineering College to Everyone:
 YOUTUBE LINK
<https://www.youtube.com/watch?v=FaNMxMU-MTY>

To: Everyone
 Type message here...

Windows taskbar: Type here to search, 6:21 PM 7/9/2020

Mrs. Hima bindu talking about scams

Zoom Meeting

Neha Nandal Dr.Anuradha Me... Dr R St. Martin's Engi...

Recording... LIVE on YouTube

Career Map for Cyber Security

Participants (274)

Find a participant

- NN Neha Nandal (Co-host, me)
- SM St. Martin's Engineering ... (Host)
- HB Hima Bindu Veera... (Co-host)
- M Myna
- SG Suhasini Gadala
- DR Dr R (Co-host)
- DM Dr.Anuradha Meka (Co-host)
- D Dr.T.Poongothai (Co-host)
- 5 SA6
- 1 17K81A04N1
- 1 17K81A0551
- 1 18K81A05J2
- 1 18K81A05K2
- 1 18K81A05M8

6:48 PM 7/9/2020

Mrs. Hima bindu discussing career path in cyber security

Zoom Meeting

Recording... LIVE on YouTube

Speaker View

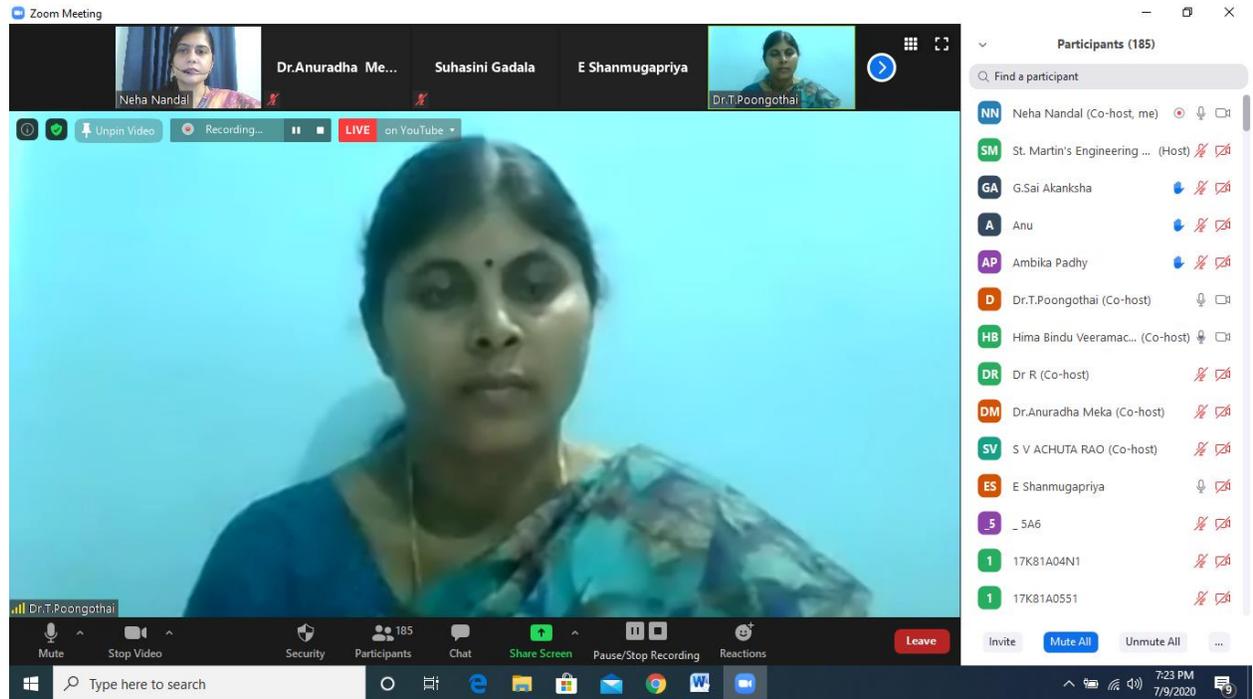
Participants (237)

Find a participant

- NN Neha Nandal (Co-host, me)
- SM St. Martin's Engineering ... (Host)
- SG Suhasini Gadala
- AP Ambika Padhy
- DK Dr. Kavita Das
- ES E Shanmugapriya
- GA G.Sai Akanksha
- HB Hima Bindu Veeramac... (Co-host)
- SV S V ACHUTA RAO (Co-host)
- DR Dr R (Co-host)
- DM Dr.Anuradha Meka (Co-host)
- D Dr.T.Poongothai (Co-host)
- M Myna
- 5 SA6

7:09 PM 7/9/2020

Participant (Ms. Myna) asking queries from Mrs. Hima bindu



Dr. Poongothai, Professor CSE, saying vote of thanks to the speaker

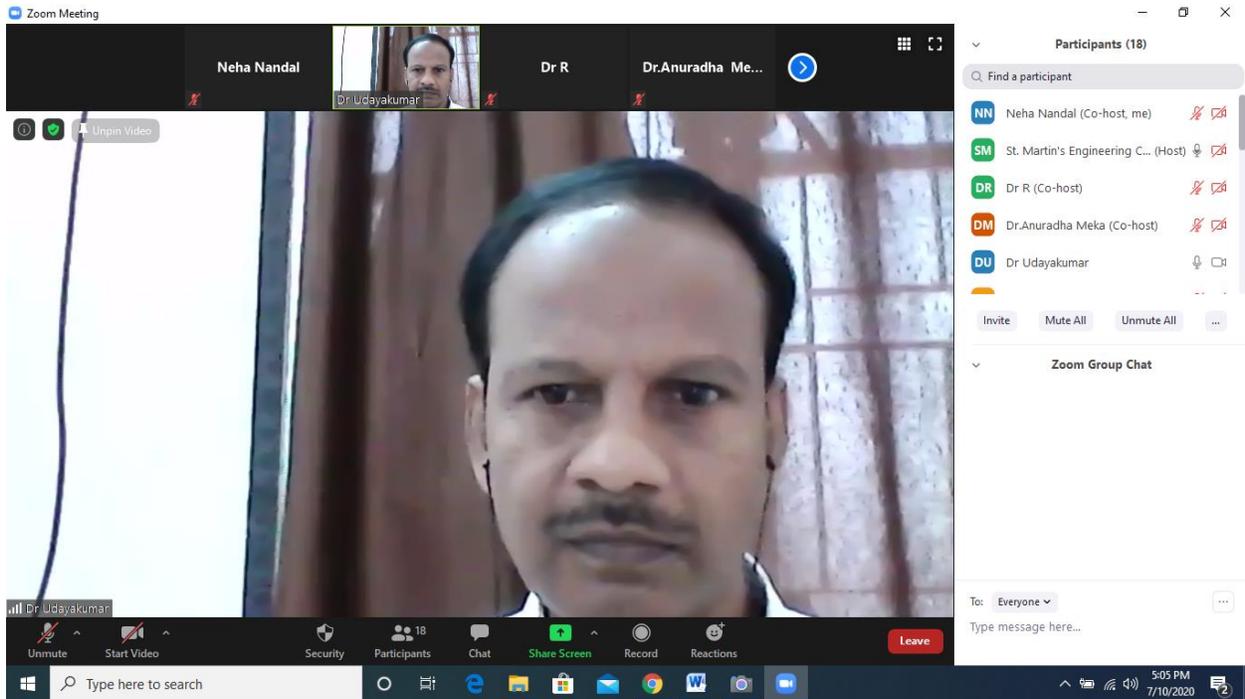
Day 5: 10-07-2020

Session: Cyber Crime Case Studies

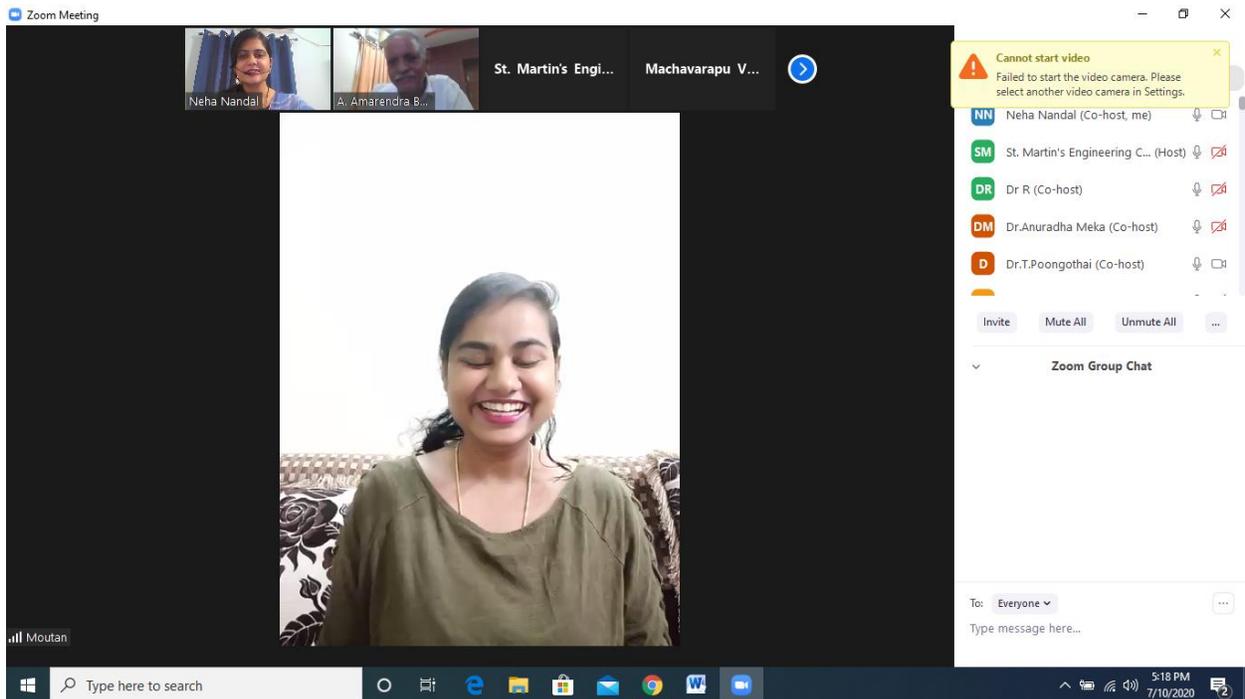
Resource person: Moutan Sarkar, Fraud and Forensic Expert, TCS Ltd.

The fifth day has started with the interaction of participants with Keynote speaker, Ms. Moutan Sarkar. The keynote speaker started with the definition of Cyber Security and changing nature of Crimes with some real time examples. She discussed about how in 21st century, the cybercrimes and changing and their effect on different areas. Many examples and case studies have been elaborated by the speaker. Call spoofing, Email Spoofing, and call scams etc. has been taken into consideration by the speaker. The actor i.e. the people who can commit crime are being discussed and elaborated like terrorists, hacktivists, competitors etc. She has explored and discussed about evolution of money. Discussion on bit coins has been done. She discussed about Matrimony Frauds and job frauds in details and told how to be aware and get ready to handle that kind of situations. Lastly, participants raised queries and the keynote speaker handled them efficiently.

Participants found the session very useful and informative. With this, the last day of workshop ended successfully.



Dr. P udaya kumar, HoD CSE, welcoming resource person



Mrs. Moutan Sarkar interacting with participants

Zoom Meeting | You are viewing Moutan's screen | View Options

Participants: Neha Nandal, Hima Bindu Vee..., Moutan, A. Amarendra B...

Recording...

Cyber Crime Trends and Case Studies

CYBERPPY

Moutan Sarkar
Cyber Security Expert

Zoom Meeting Controls: Mute, Stop Video, Security, Participants (230), Chat, Share Screen, Pause/Stop Recording, Reactions, Leave

System Tray: Type here to search, 9:32 PM 7/10/2020

Mrs. Moutan sarkar delivering lecture

Zoom Meeting | Participants (249)

Participants: Neha Nandal, Hima Bindu..., Moutan, A. Amarendra B..., Dr. Anuradha Meka

Recording... LIVE on YouTube

Cyber Crime and Changing Nature of Crime

Cyber Crime

- Computer targeted Crime (Victim)
- Computer Assisted Crime (Suspect)
- Computer is incidental to the Crime (Witness)

Changing Nature of Crime

8000 years ago	<ul style="list-style-type: none"> Criminals getting Hi-tech Bullets are old fashioned Getting trendy with bits and Bytes
2000 years ago	
14 century	
21 century	

Zoom Meeting Controls: Mute, Stop Video, Security, Participants (249), Chat, Share Screen, Pause/Stop Recording, Reactions, Leave

System Tray: Type here to search, 9:34 PM 7/10/2020

Mrs. Moutan sarkar delivering lecture on nature of crime

Zoom Meeting

Recording... LIVE on YouTube

Evolution of Money

Participants (278)

Find a participant

- NN Neha Nandal (Co-host, me)
- SM St. Martin's Engineeri... (Host)
- M Moutan (Co-host)
- M myna
- DR Dr R (Co-host)

Zoom Group Chat

<http://www.youtube.com/watch?v=SqyFb7Oo0Q4>

From Hima Bindu Veeramacheni to Everyone: <https://www.linkedin.com/company/43209708>

From S V ACHUTA RAO to Everyone: Dear All Good Evening, We will have question Hour. Please raise your hand at that time. Thank you. HOD-IT

To: Everyone

Type message here...

6:07 PM 7/10/2020

Mrs. Moutan sarkar discussing some examples

Zoom Meeting

You are viewing Moutan's screen

Recording... LIVE on YouTube

Matrimony Frauds

Participants (278)

Find a participant

- NN Neha Nandal (Co-host, me)
- SM St. Martin's Engineeri... (Host)
- M Moutan (Co-host)
- DR Dr R (Co-host)
- DM Dr.Anuradha Meka (Co-host)

Zoom Group Chat

<https://www.linkedin.com/company/43209708>

From Hima Bindu Veeramacheni to Everyone: <https://www.linkedin.com/company/43209708>

From S V ACHUTA RAO to Everyone: Dear All Good Evening, We will have question Hour. Please raise your hand at that time. Thank you. HOD-IT

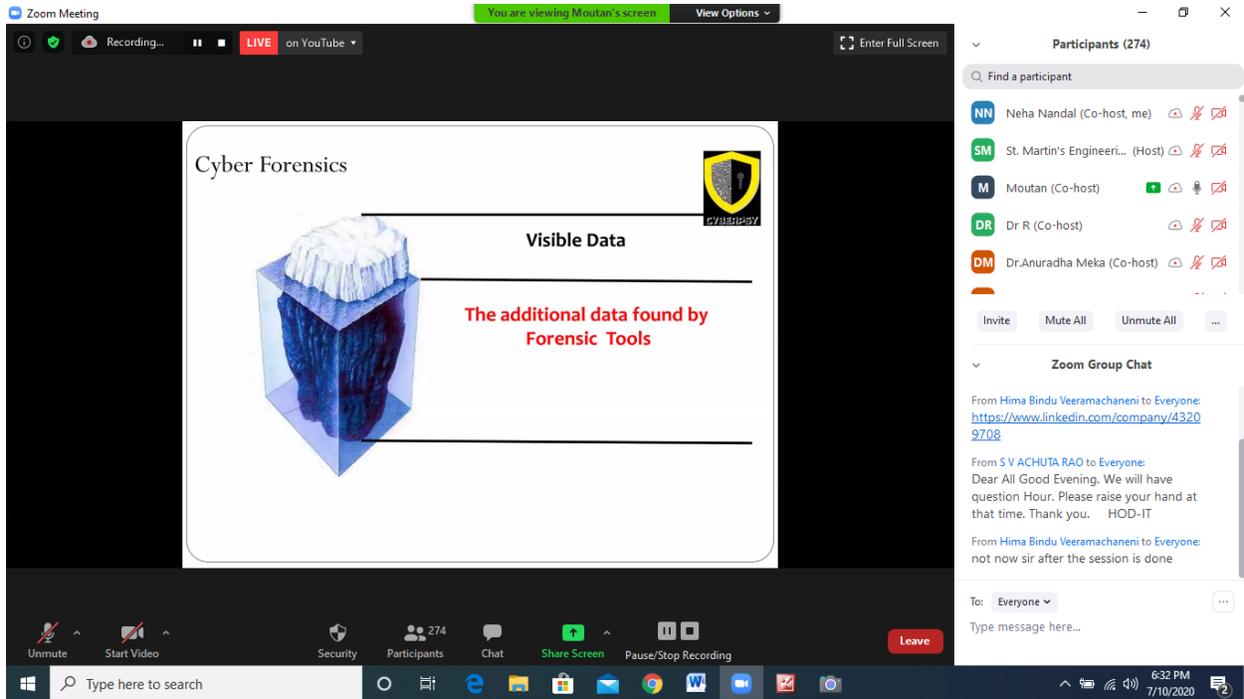
From Hima Bindu Veeramacheni to Everyone: not now sir after the session is done

To: Everyone

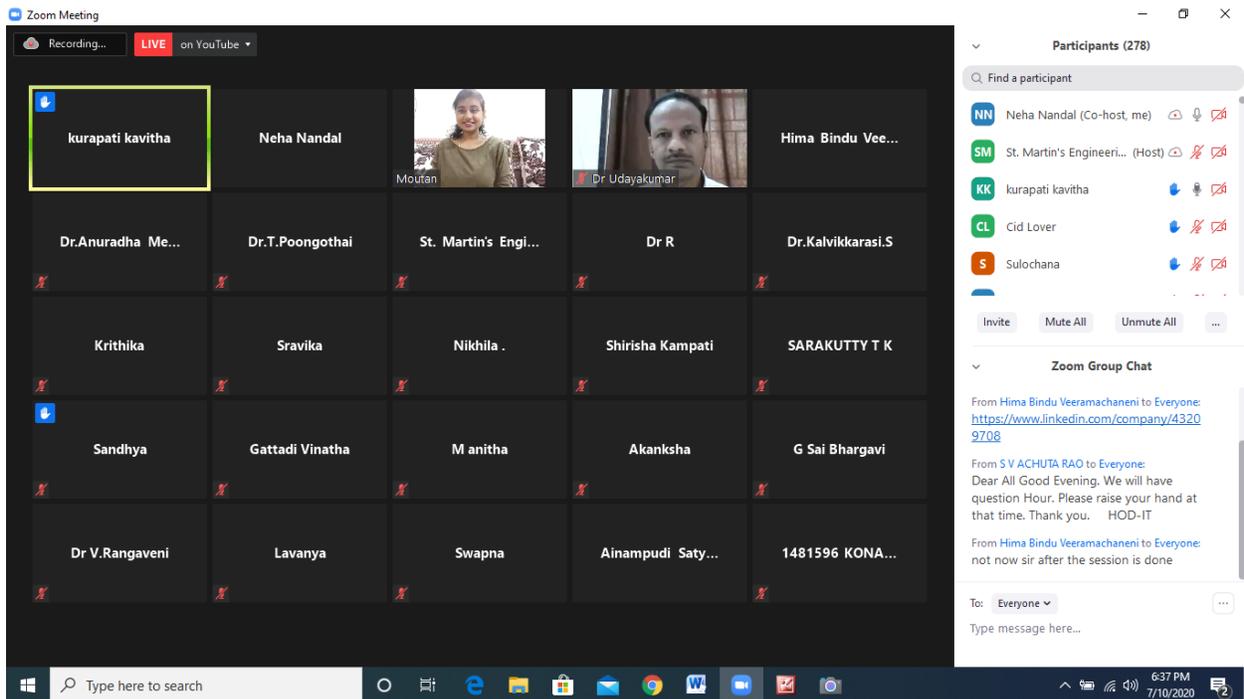
Type message here...

6:22 PM 7/10/2020

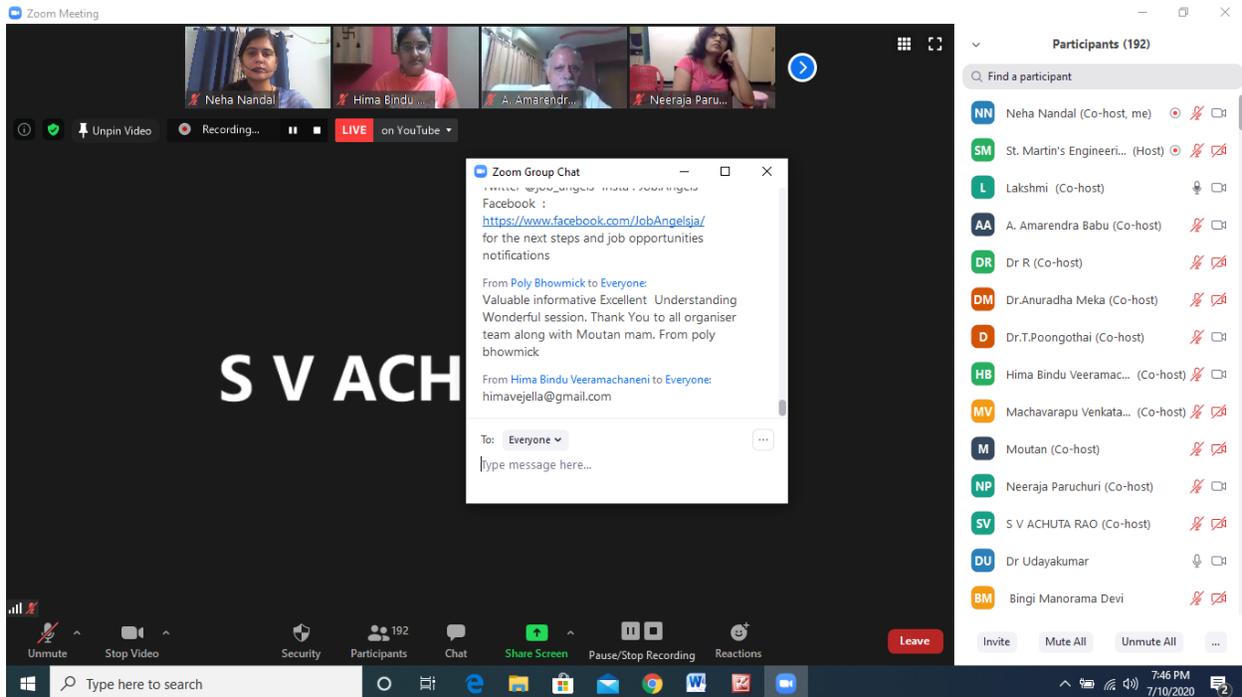
Mrs. Moutan sarkar discussing about matrimony frauds



Mrs. Moutan sarkar discussing about cyber forensics



Mrs. Moutan sarkar handling queries from participants



Participants sharing feedback in Chat group

Valediction of Program:

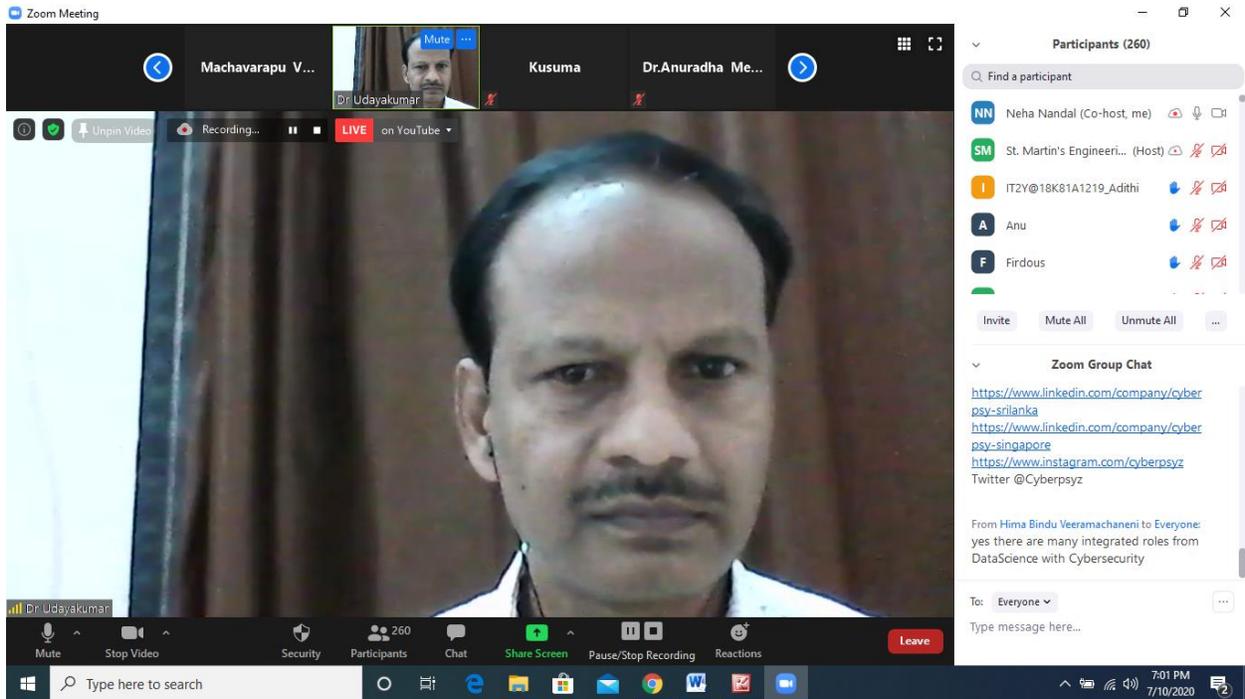
The 5 days Online Workshop has completed on 10th July 2020 at 7:00 PM on online Platform of Zoom. It started with the Program Coordinator of Workshop and Associate Professor, CSE Dept., Dr. Anuradha thanking all the resource persons and briefing with day wise report of Workshop. After that, HOD-CSE, Dr. P Udaya Kumar greeted everyone involved in program and shared his views about the same. Then, HOD-IT, Dr. S V Achuta Rao, congratulated all the organizers for successful completion of the programme. Principal, St. Martin's Engineering College, Dr. P Santosh Kumar Patra was being acknowledged by the host of the programme. Then, Dr. Amarendra Babu, Dean Academics addressed the participants. Later, the special Guest, Ms. Hima Bindu and Ms. P Neeraja interacted with all and shared their views. Then, the Guest of Honor, Ms. Moutan Sarkar shared her views and interacted with all. Then, the Chief Guest of the Valediction, Ms. Lakshmi Potluri addressed the participants. Finally, the Workshop ended with the Vote of Thanks given by Dr. Poongothai, Professor and Co-Coordinator of the workshop. The workshop has completed successfully.



Mrs. Neha Nandal hosting the program



Dr. Anuradha (Program coordinator of workshop) presenting report on Workshop



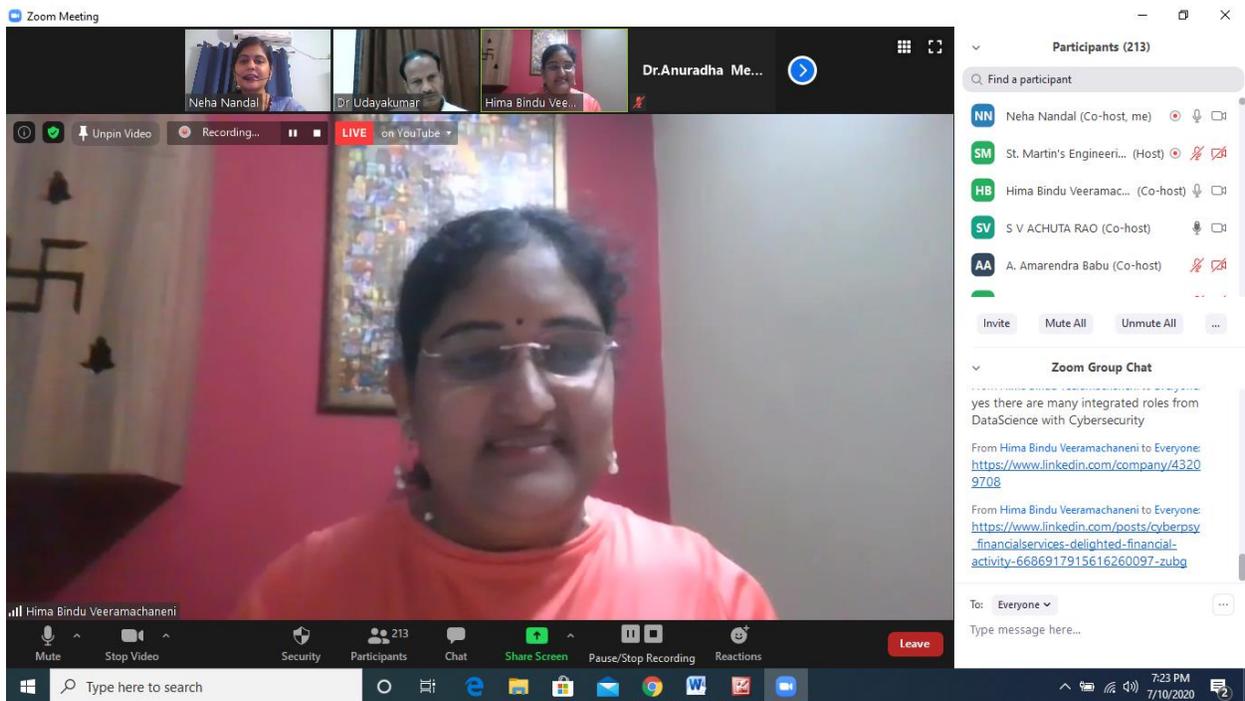
Dr. P udaya kumar (Convenor of workshop) addressing participants



Dr. S V Achuta Rao (Convenor of workshop) addressing participants



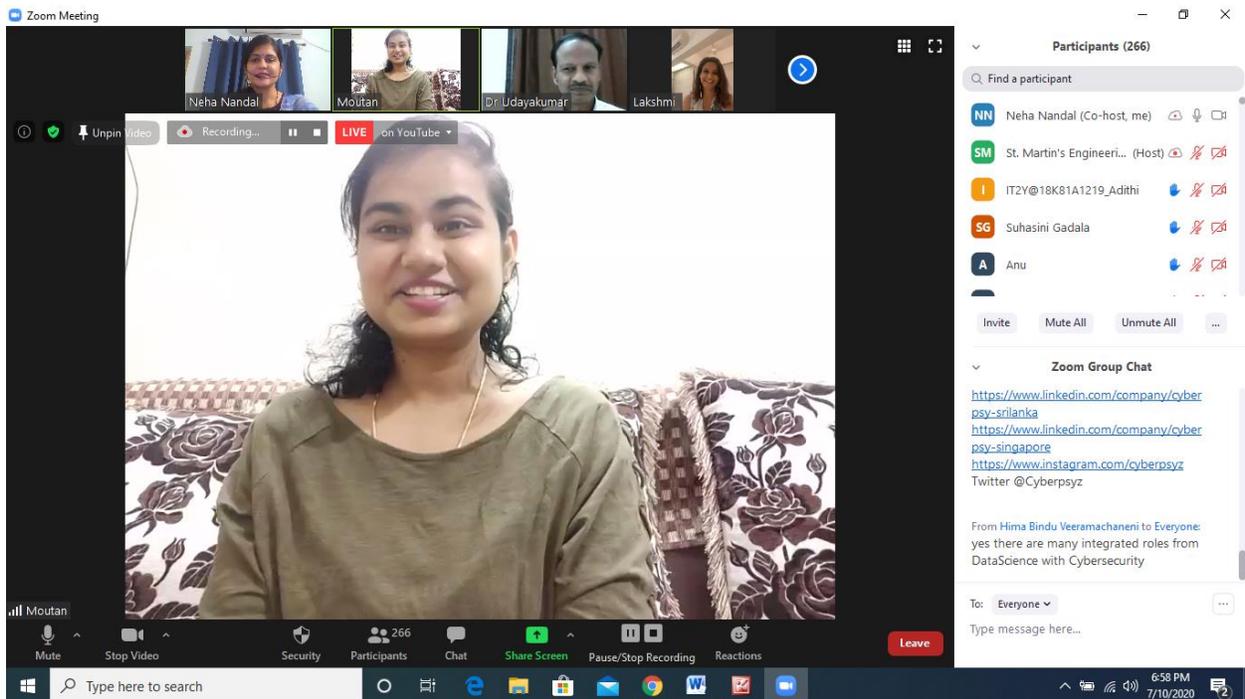
Dr. A Amarendra Babu (Dean Academics) addressing participants



Mrs. Hima bindu (special guest) addressing participants



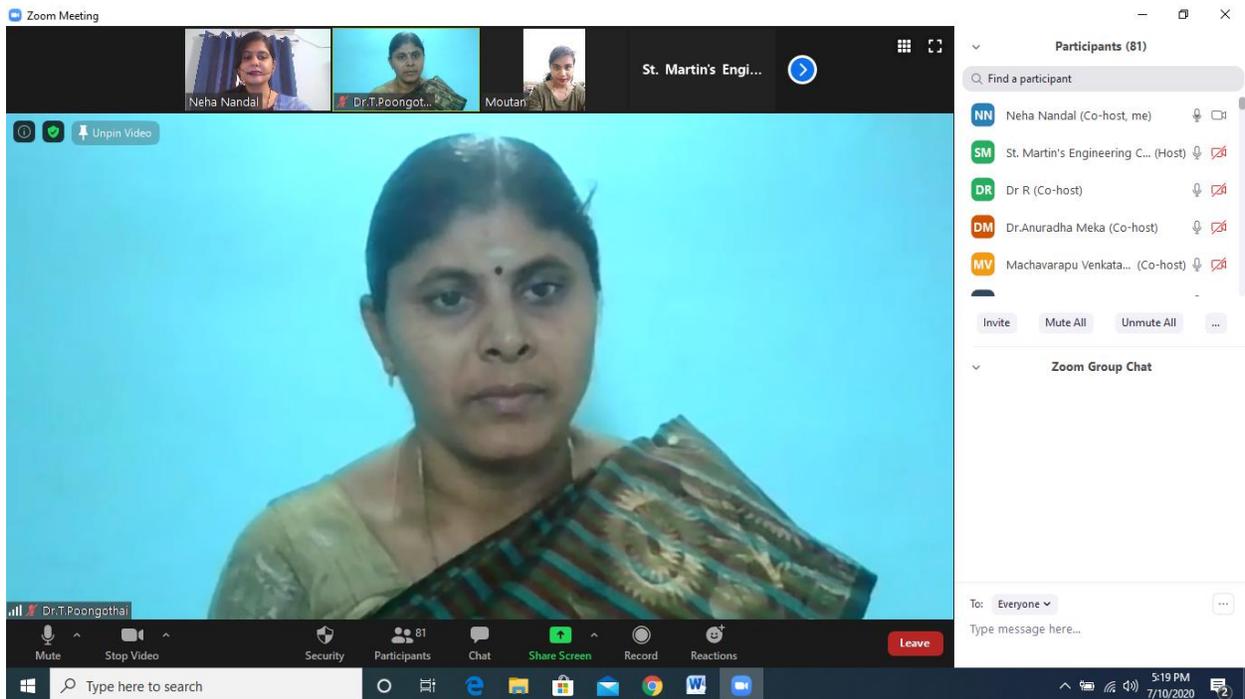
Mrs. P Neeraja (Special guest) addressing participants



Mrs. Moutan sarkar (Guest of the honor) addressing participants



Ms. Lakshmi Potluri (Chief Guest) addressing participants



Dr. Poongothai (co-program coordinator) saying vote of thanks to all

....THE END....