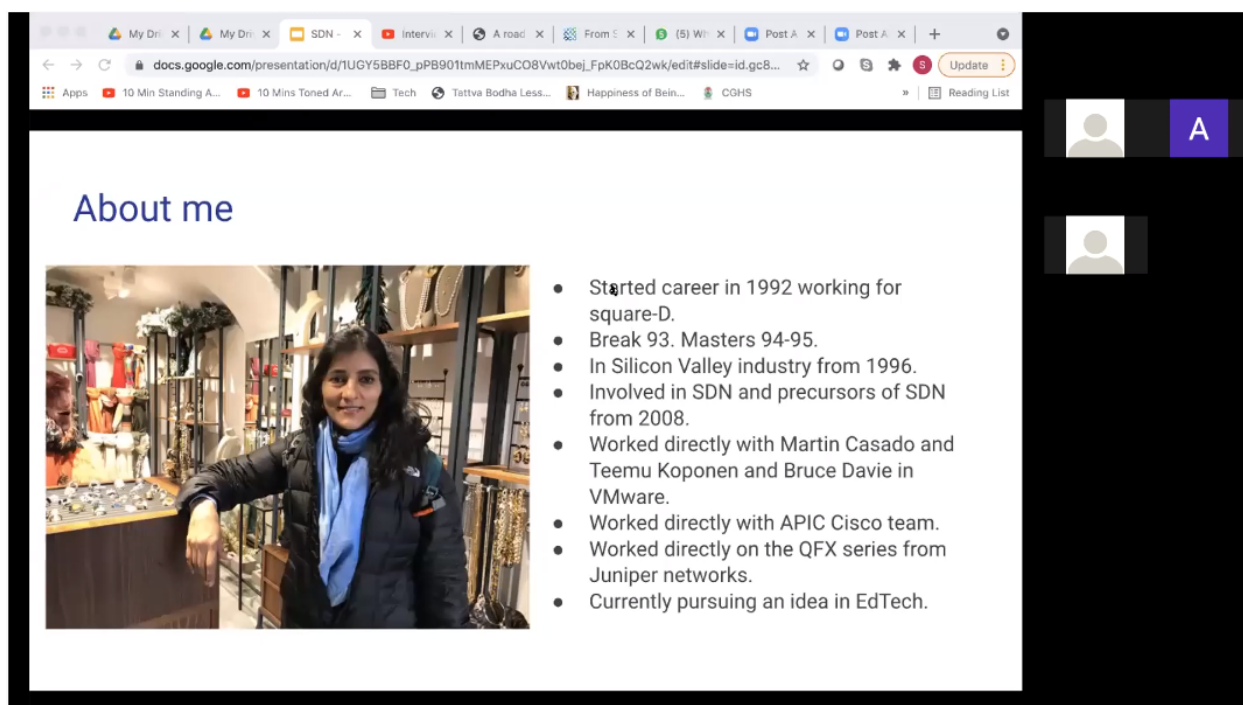


ACCESS GRANTED - 2nd Cyber Security Workshop

ACCESS GRANTED- The second cyber security workshop was conducted by Arunesh Kumar, Christina Eunice John and Joshua A, 3rd year students from CSE 'A' under the guidance of Dr. A Chamundeswari. The full day workshop was held on 25th of March 2021. This semi-interactive workshop featured speakers who hold prominent roles in their respective fields and alumni from our college. The workshop had 21 enthusiastic participants throughout the day.

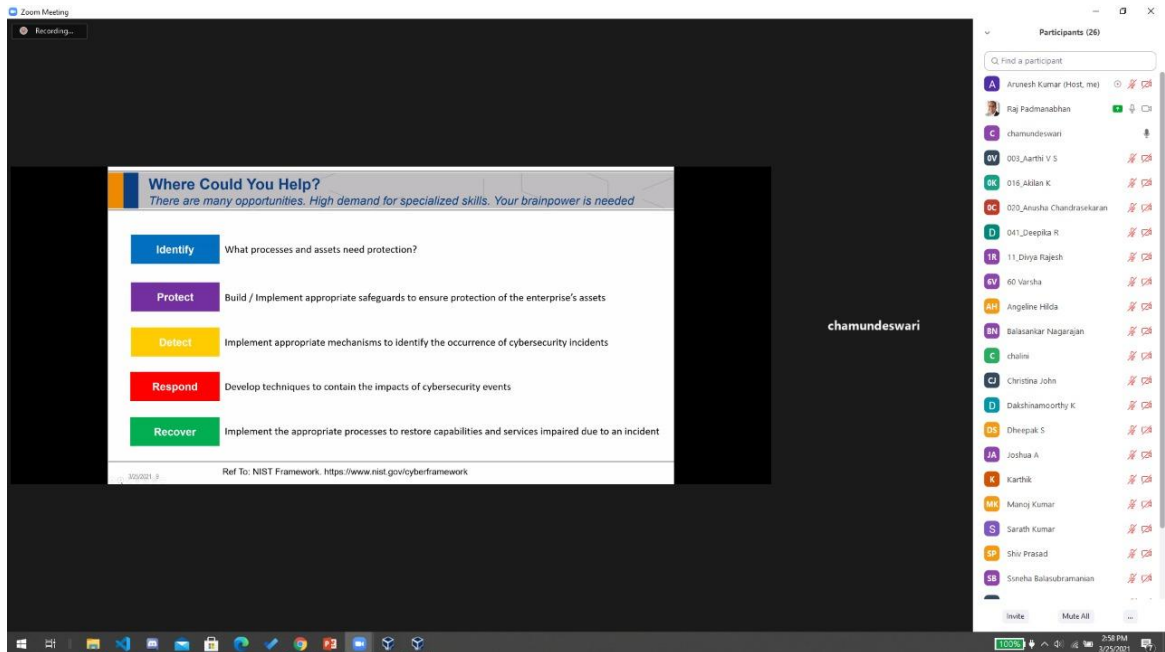
The workshop was split into two sessions - The first session was kicked-off by Mrs. Subha Chandra, an engineering leader with 12 years of experience in Enterprise Software and worked in companies like HP, VMware, Juniper Networks and Rubrik. She skillfully broke down the concepts of SDN - Software Defined Network by quoting her personal experiences on working with it.



The screenshot shows a Google Slides presentation titled "About me". On the left is a photograph of a woman, Mrs. Subha Chandra, standing in what appears to be a jewelry store. On the right is a bulleted list of her career highlights:

- Started career in 1992 working for square-D.
- Break 93. Masters 94-95.
- In Silicon Valley industry from 1996.
- Involved in SDN and precursors of SDN from 2008.
- Worked directly with Martin Casado and Teemu Koponen and Bruce Davie in VMware.
- Worked directly with APIC Cisco team.
- Worked directly on the QFX series from Juniper networks.
- Currently pursuing an idea in EdTech.

The second speaker for the day was Dr. A Chamundeswari. Ma'am has organized various noteworthy conferences, reviewed for various journals and actively guides research students. She enlightened the students on the importance of network analysis in protecting one's network and she conducted an interactive demo for various networking tools like Mininet, wireshark, hping, iperf and gnuplot.



The first session ended with a mini-CTF hosted by the organizers to introduce the participants to concepts like steganography, source code inspection and ciphers.

The second session was started, bursting with charisma, by Mr Raj Padhmanabhan. He is the currently the vice president of Information Technology at Paratek Pharmaceuticals and has previous experience in fields that link IT and Healthcare. Mr Padhmanabhan explained the importance of security in the Healthcare industry and how integral it is to secure data from attacks. He also urged the participants to take responsibility as computer science engineers to shape the future of software integrity.

Recording... You are viewing Raj Padmanabhan's screen View Options

Healthcare Eco System In United States

The Cybersecurity threats is real across the eco-system. Stakes and impacts vary

Prescriber
Dr's, Nurse
Patient Confidentiality, Privacy

Provider
Labs, Hospital
Patient Confidentiality, Privacy, Reputation, Business Continuity

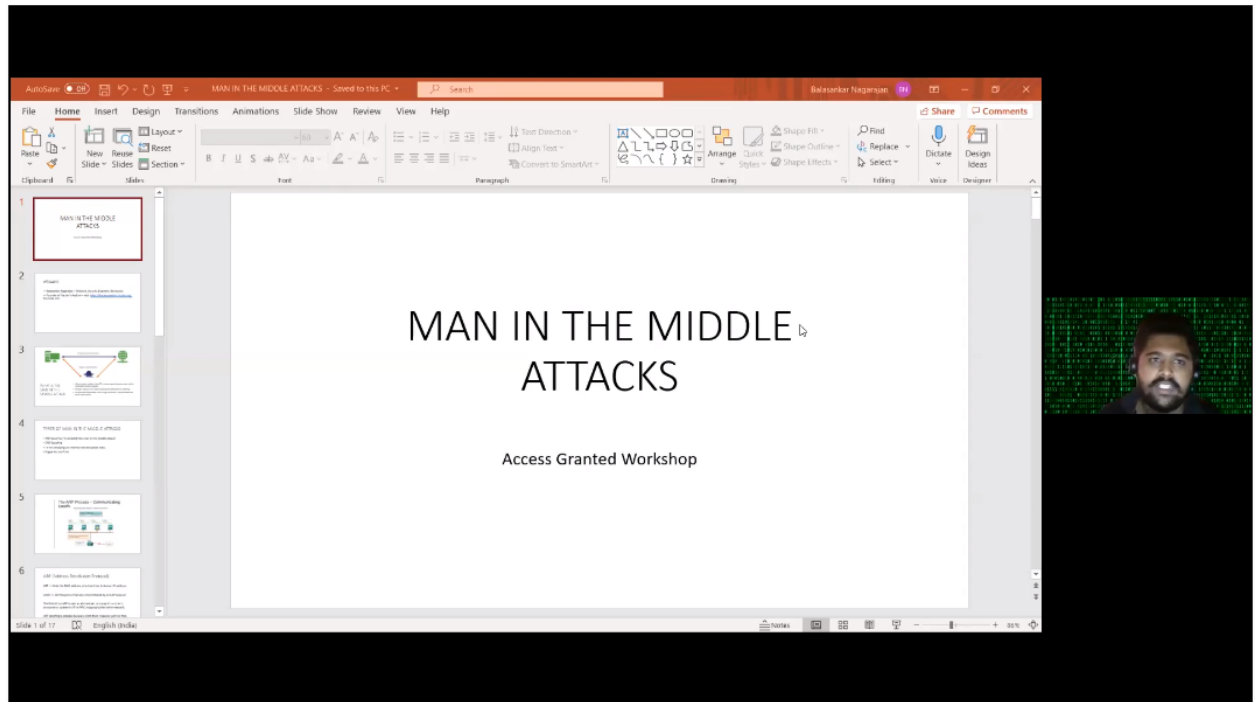
Payer
Insurance, Govt
Customer confidentiality, Reputation, Trade secret, Reputation

Product Mfg.
Medical Device, Pharma, Bio-tech
Product quality, Patient safety, Intellectual Property, Trade secret, Data Integrity

3/25/2021 5

Unmute Start Video Security Participants 21 Chat Share Screen Pause/Stop Recording Reactions End

Our next speaker was Mr Balashankar Nagarajan, an alumni of SSN College of Engineering and Network Security engineer at Barracuda Networks. He also received a CCNA Global cyber ops internship and has CCNA routing and switching and CCNA cyber ops certificate from cisco. He has interned in SISA Information security and Tevel Cyber corps limited as a security analyst. Mr Nagarajan elucidated about the Man-in-the-middle attacks followed by the types of Spoofing. He demonstrated ARP spoofing which included steps such as reconnaissance of the sample network, launching the attack, translating the ARP traffic and exploring basic cybersecurity tools.



Our final speaker for the workshop was Mr Dakinamoorthy, a current 4th year student in the CSE department of SSNCE who interned at Aujas Cybersecurity as an SOC analyst. Mr Dakshinamoorthy demonstrated how keyloggers worked, how dangerous they are and how easy it was to make your own keyloggers. He dutifully did remind us that these should be used in a closed environment and only to reverse engineer how to prevent being attacked by said software.

