

Dr. Babasaheb Ambedkar Technological University, Lonere

WEBINAR ON

“Cryptography: Key Ingredients of Digital World”

CONDUCTED BY

DEPARTMENT OF INFORMATION TECHNOLOGY

About the Webinar:

Department of Information Technology organized 2nd Cyber Security Webinar on “**Cryptography: Key Ingredients of Digital World**” for all students & faculties. In computer science, cryptography refers to secure information and communication techniques derived from mathematical concepts and a set of rule-based calculations called algorithms, to transform messages in ways that are hard to decipher. These deterministic algorithms are used for cryptographic key generation, digital signing, verification to protect data privacy, web browsing on the internet and confidential communications such as credit card transactions and email.

Number of Participants: 200 students

Date and Venue:

The webinar took place in online mode on google meet on 29th May 2021. Speaker: Dr. Shravani Shahapure did her PhD in Electrical, Electronics and Communications Engineering from VJTI Mumbai. Currently she is working as Coordinator – Cyber Security, Research at National CoE- Data Security Council of India. Previously she has worked as Project Research Scientist and Senior Project Engineer at IIT Bombay for more than three years. She has also worked as a research scholar at SICK, Germany.


Webinar Content:

- Introduction
- History of Cryptography
- Terminology used in Cryptography
- Goals of modern Cryptography
- Growth of Cryptography


The expert person for the webinar was, Dr. Shravani Shahapure. The programme started with an opening remark delivered by Dr. S. R. Sutar, HoD IT DBATU and it was initiated by main coordinator Dr. S. M. Jadhav and co-coordinators Prof. S. S. Barphe, Prof. A. R. Babhulgaonkar, Prof. S. B. More and Prof. E. G. Meshram. The motive

of this program was to give awareness on Cryptography: Key Ingredients of Digital World. The students were participated from across the affiliated DBATU university.

Following are some screens shot captured during the session.




Dr. Babasaheb Ambedkar Technological
University, Lonere




Department of Information Technology & DBATU
Alumni Association


Webinar
On
Cryptography: key ingredient of digital world!



Dr. Shravani Shahapure

PhD- Cryptography (VJTI-IITB) Research Head and
Coordinator Cyber Security at National CoE, Data Security
Council of India

 29th May 2021
11:00 AM -12:00 PM (IST)

Webinar will be on  Google Meet  YouTube

PowerPoint slide titled "History of cryptography" with a list of bullet points and a portrait of Queen Mary II of Scotland. The slide is displayed in a presentation window. To the right of the slide is a video feed of a woman speaking.

- Queen Mary of Scotland was Catholic.
- Executed on 8 February 1587 at Fotheringhay Castel.
- She had been accused of plotting an assassination of Queen Elizabeth .
- Sir Francis Walsingham, Elizabeth's Principal Secretary with the help of Thomas Phelippes , cryptanalyst proved the plot against Elizabeth.
- Sir Walsingham proved the connection between Anthony Babington and Queen Mary of Scots.
- Gilbert Gifford was the double messenger who leaked Queen Mary's letters to Walsingham



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Concluding Remarks:

After the session of Q &A session started and hosted by Prof. S. S. Barphe and Dr. Shravani Shahapure responded on the queries.

The Webinar was ended by Vote of Thanks given by Dr. S. R. Sutar and closed the session talking about his experience for this session.