

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR**

**Department of Computer Science
Organizes Guest Lecture on “Mathematical Model for Cryptography”**

Date: 23-10-2021 Time: 2:30 PM to 3:30 PM India

Online Mode: Zoom Meeting

Report of Guest Lecture dated 23 Oct 2021

A Guest Lecture was held in Computer Science Department of Shivaji Science College on 23 October 2021 from 2:30 pm to 3:30 pm in online mode (Zoom Meeting). The topic of Guest Lecture was “Mathematical Model for Cryptography”. The speaker was Dr. Mrs. M. M. Dhabu, Assistant Professor, Computer Science and Engineering Department, VNIT , Nagpur. The speaker gave a short and clear insight into the big topic of Network Cryptography. The seminar was attended by BSc, BCA, MSc and MCA students of Computer Science Department, Shivaji Science College, Nagpur. Dr. S. R. Gedam introduced the speaker and Dr. M. T. Wanjari proposed vote of thanks. The technical support was given by Dr. J. K. Keche Dept. of Computer Science, SSES's Science College, Congress Nagar, Nagpur.



Resource Person

Dr. Mrs. M. M. Dhabu

Assistant Professor

Department of Computer Science & Engineering, VNIT, Nagpur



Shri Shivaji Education Society, Amravati's

SCIENCE COLLEGE

Congress Nagar, Nagpur-12 (M.S.), India

Accredited with CGPA of 3.51 at 'A+' grade

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Mentor College under 'PARAMARSH Scheme', UGC, New Delhi

**Department of Computer Science
Organizes**

Guest Lecture on Mathematical Model for Cryptography

Resource Person

DR. MRS. M. M. DHABU

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, VNIT, NAGPUR

Date: Saturday, 23-10-2021 Time 2:30pm

Prof. S. R. Pande

Head

Department of Computer Science

Prof. M. P. Dhore

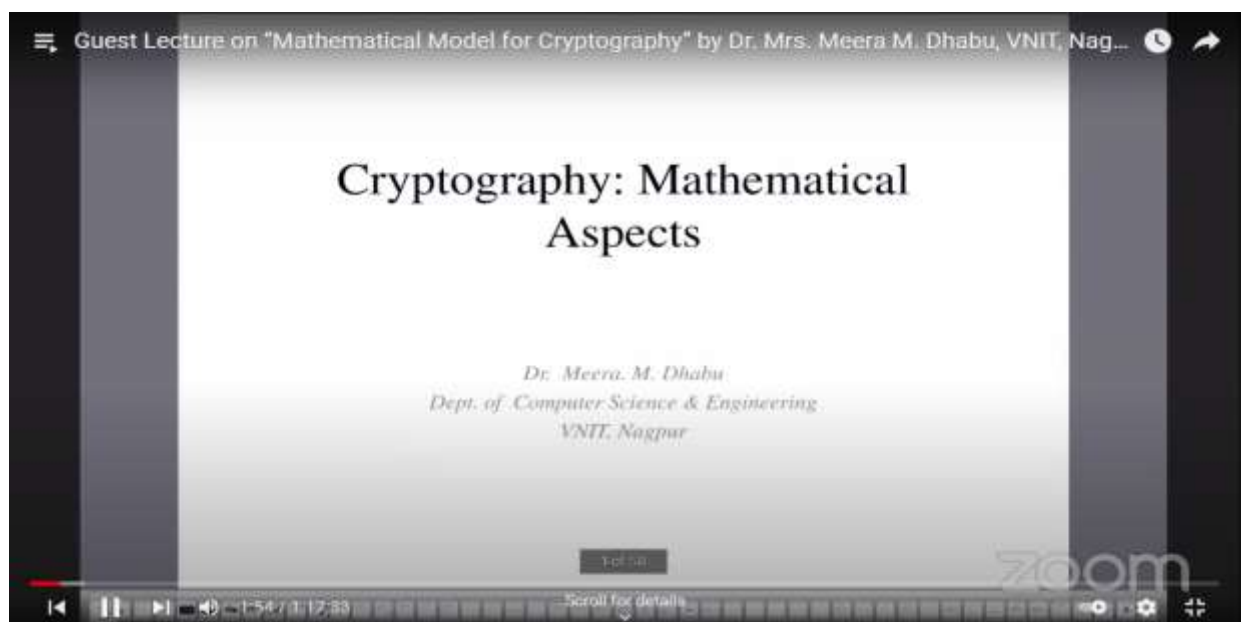
Principal,

SSES's Science College,
Congress Nagar, Nagpur

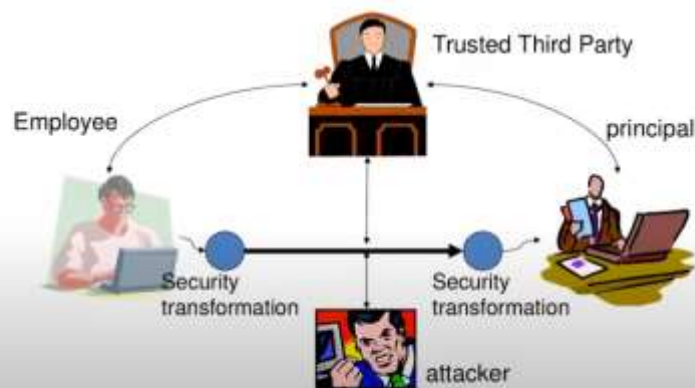
Zoom Meet Link for Participation:

<https://zoom.us/j/2118300045?pwd=OGQ2RTljUG80bHlQRVBFd3JpZFFuZz09>

Meeting ID: 211 830 0045 Passcode: Shivaji21



Network Security Model



10/23/2021

Dept. of Computer Science & Engg., VNIT

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Zoom

Crypto-graphy, -analysis, -logy

- The study of how to circumvent the use of cryptography is called *cryptanalysis*, or *codebreaking*.
- Cryptography and cryptanalysis are sometimes grouped together under the umbrella term **cryptology**, encompassing the entire subject.
- In practice, "cryptography" is also often used to refer to the field as a whole; **crypto** is an informal abbreviation.
- Cryptography is an interdisciplinary subject,
 - linguistics
 - Mathematics: number theory, information theory, computational complexity, statistics and combinatorics
 - engineering

10/23/2021

Dept. of Computer Science & Engg., VNIT

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Zoom

