



Expert Lecture on “Data Authentication”

Event Notice



Circular

Ref. No. AJU/AD/ENGG/154/2023-24

Date: 03/03/2024


This is to inform all the students that School of Engineering & IT at ARKA JAIN University is going to organize an expert lecture on “**Data Authentication**” for all the students of B.Tech & Diploma in CSE on 8th March 2024 at 1:00 PM through virtual mode. All the students are requested to participate in the event for getting exposure of emerging cyber security techniques. Students can register in the event using the following link:

Link for event registration: <https://forms.gle/oe5bdWDEMr1ucBrk9>

Note: Last Date for Registration: 07.03.2024

Coordinators:

Prof. Surjit Paul (surjit.p@arkajainuniversity.ac.in)


Prof. Ashwini Kumar
Asst. Dean
School of Engg. & IT
ARKA JAIN University,
Jharkhand-832108

Asst. Dean
School of Engineering & IT
ARKA JAIN University

Date of Event	08/03/2024
Name and Type of Event	Expert Lecture on “Data Authentication”
Conducted by	Prof. Surjit Paul
No. of Participants	92
Objectives	To provide knowledge about various information security measures and techniques.
Outcome	Students got an opportunity to gain insights about various information security techniques.

The School of Engineering & IT organized the expert lecture on “**Data Authentication**” on 8th March 2024 at 1 PM in virtual mode. The students of Computer Science & IT actively participated in this event.

School of Engineering under the guidance of Dr. Ashwini Kumar and the coordination of Prof. Surjit Paul organized the expert lecture on “**Data Authentication**”. The expert lecture provided insights about various information security techniques to the students of B.Tech CSE and Diploma CSE to enhance their knowledge of cyber security.

The rules and regulations to join the online meeting were communicated through email to the participants prior to the event. A total of 92 students had registered for the event and out of them 25 participants were present at the end of the session. The lecture was quite interesting and students grasped the lecture. Finally students asked questions related to information security techniques at the end of the lecture.

Expert Name: Dr. Ranjeet Kumar Singh, Assistant Professor, Department of Computer Science & Engineering, Madhav Institute of Technology & Science (MITS), Gwalior (M.P)

Short biography of the Expert: Dr. Ranjeet Kumar Singh is an Assistant Professor in the department of computer science & Engineering at MITS Gwalior and has 5 Years of Academic and professional experience. He received his Ph.D. degree from the National Institute of Technology Jamshedpur in 2020 and M. Tech in Information Technology from Government Engineering College Ajmer. He has published several research papers, Book chapters in peer reviews journals and Conferences. He also qualified several times GATE Exam. His area of interest is Image Processing, Information Security, etc.

Name of Student Coordinators: Rohit Singh and Aman Kumar Keshri, (B.Tech CSE 1st Year)



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University
Jharkhand



Poster of the Event:



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SCHOOL OF ENGINEERING AND IT
ORGANISES

EXPERT LECTURE ON DATA AUTHENTICATION



8 MARCH, 2024



GOOGLE MEET At
1:00 Pm

REGISTER HERE:-

<https://forms.gle/oe5bdW>

DEMr1ucBrk9

CO-ORDINATOR :

✦ PROF. SURJIT PAUL

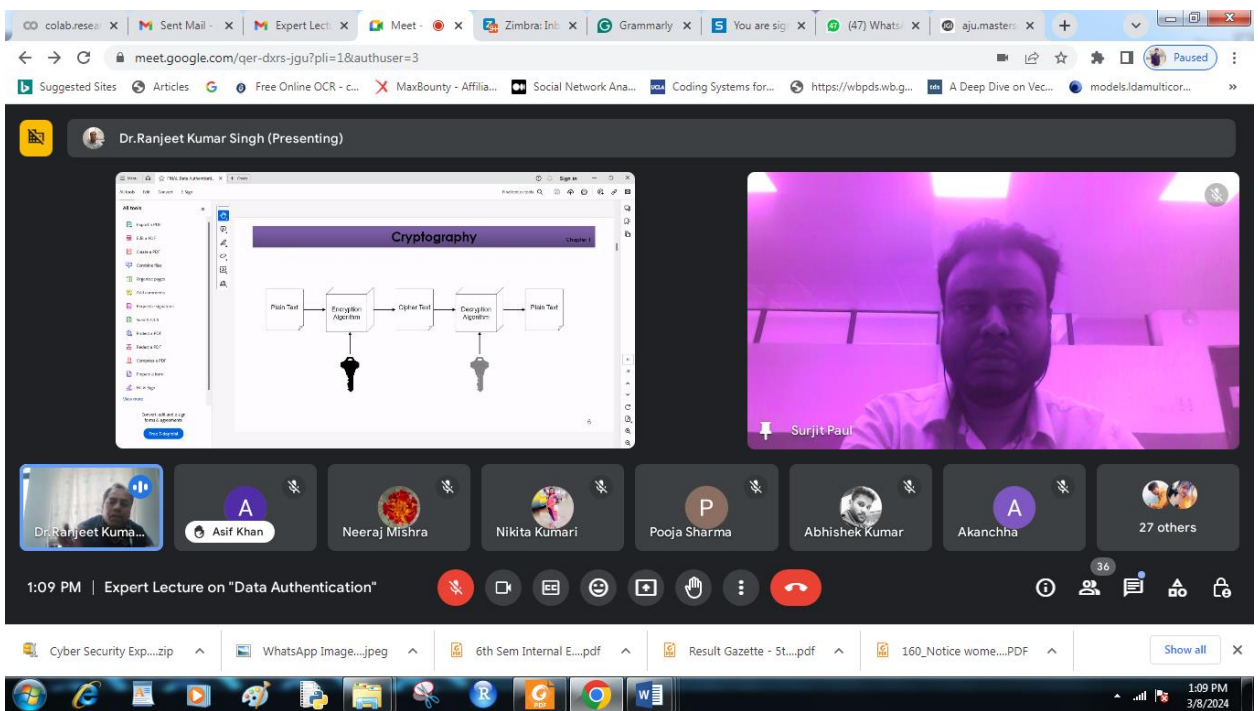
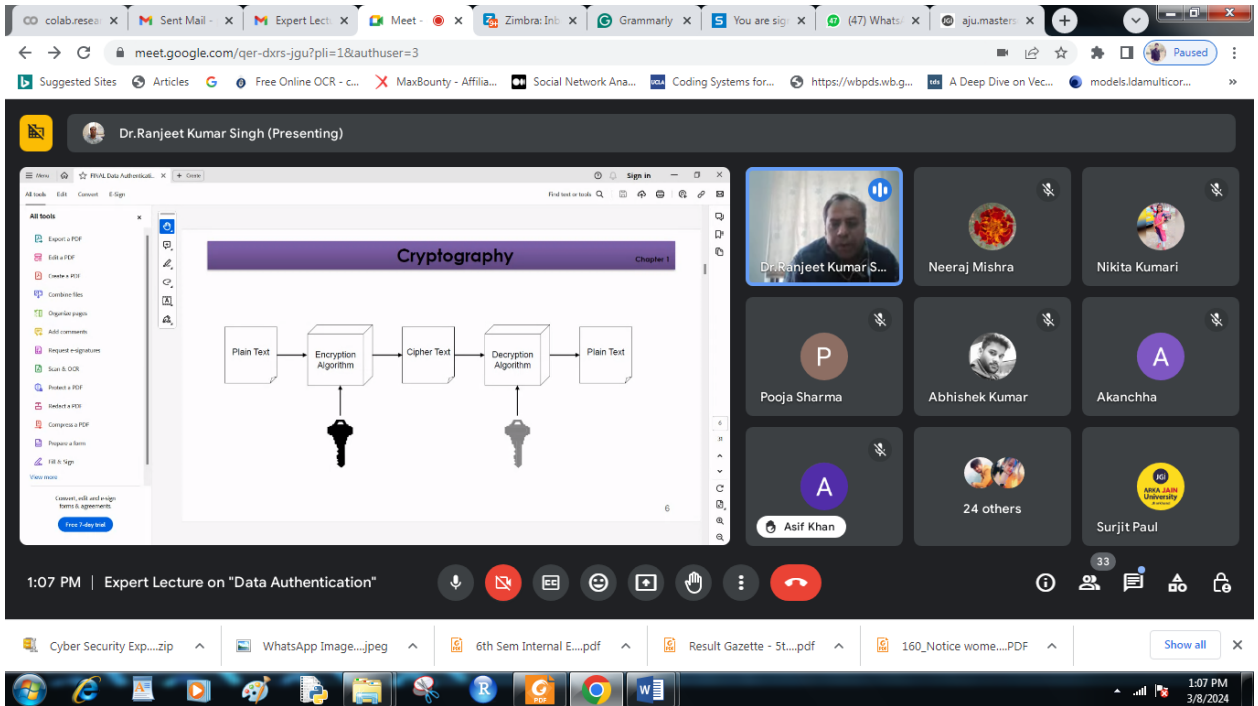
CONVENER - DR. ASHWINI KUMAR

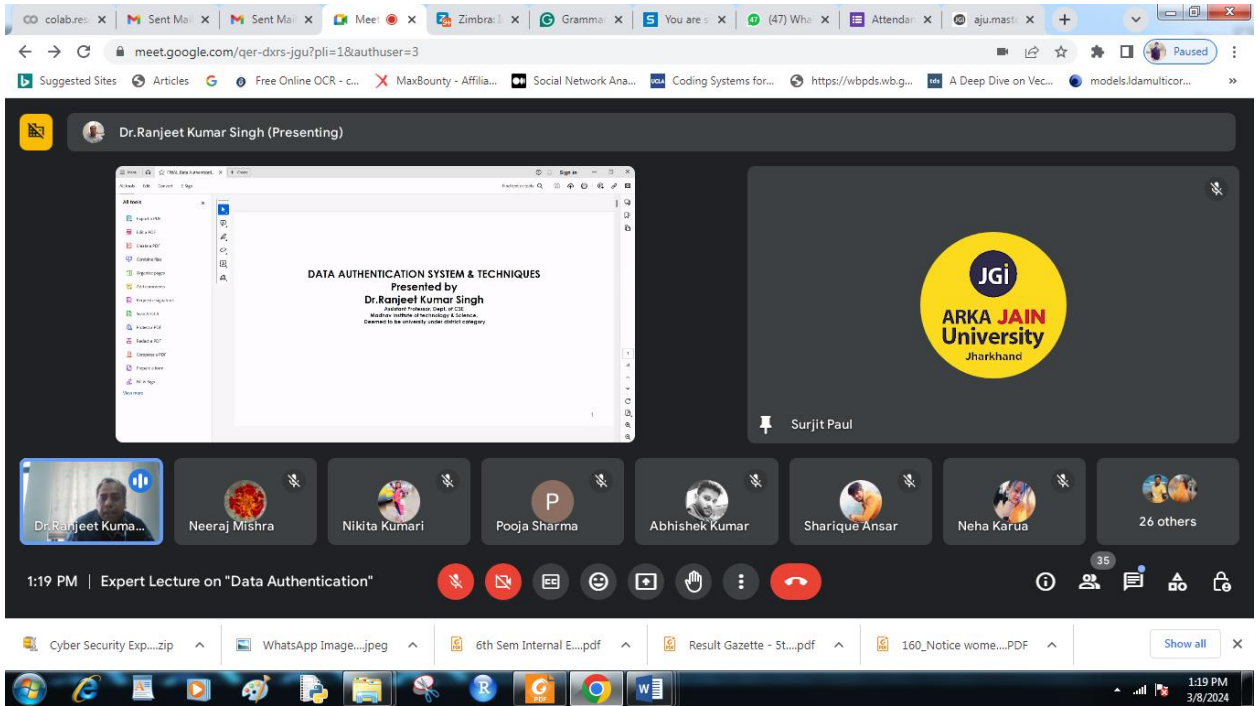



SPEAKER

DR.RANJEET
KUMAR SINGH
ASST. PROF.
MITS (GWALIOR)

Photos of the Event:









ARKA JAIN
University
Jharkhand



SCHOOL OF ENGINEERING AND IT ORGANISES

EXPERT LECTURE ON DATA AUTHENTICATION


 8 MARCH, 2024
 GOOGLE MEET At 1:00 Pm

REGISTER HERE:-

<https://forms.gle/oe5bdWDEM7lucBrk9>

CO-ORDINATOR :
* PROF. SURJIT PAUL

CONVENER - DR. ASHWINI KUMAR



SPEAKER

DR. RANJEET KUMAR SINGH
ASST. PROF. MITS (GWALIOR)



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Feature of Watermarking

Chapter 1

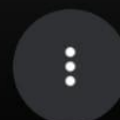
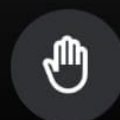
- Imperceptibility: Other user can't justify the any kind of changes.
- Reliability: It provide quality of robustness
- Unchangeable: We have to required a watermark key to separate original image.
- Provable: The quality of watermark image not changeable by other users.
- Minimum modification in pixels.
- Modification using multiple watermarks.

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Dr. Ranjeet

Surjit is presenting left the meeting





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Feature of Watermarking Chapter 1

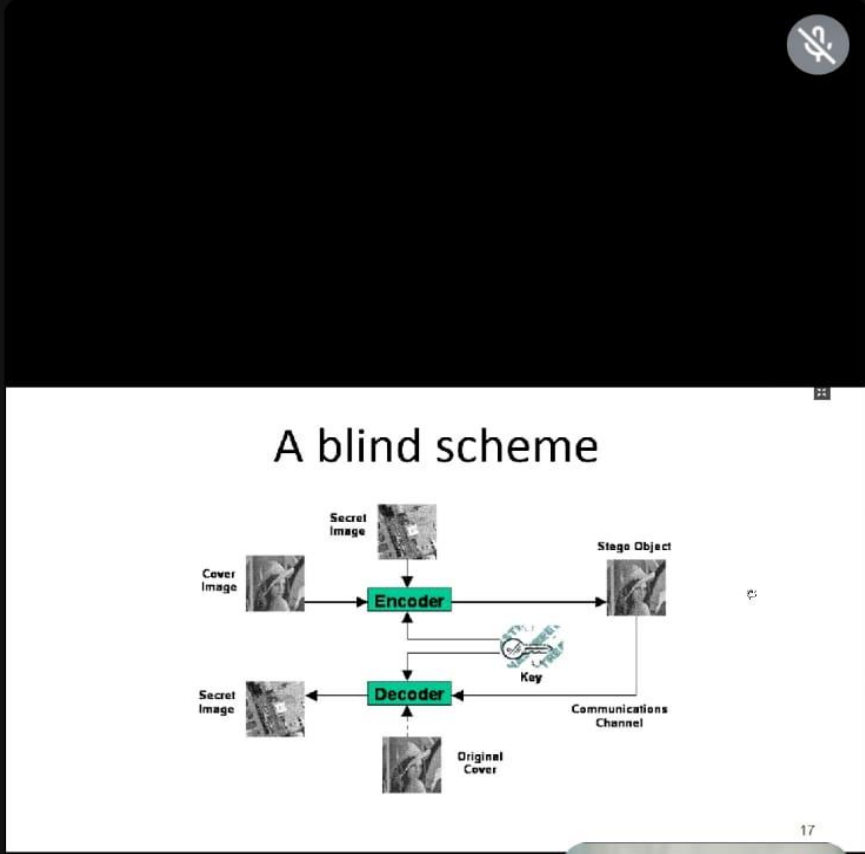
- Imperceptibility: Other user can't justify the any kind of changes.
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21

Surjit is presenting [Mute icon] [Full Screen icon]

 Dr.Ra... [Mute icon] [More icon]	 Surjit [Mute icon] [More icon]	 Asif [Mute icon] [More icon]
 You [Mute icon] [More icon]	 HIMA... [Mute icon] [More icon]	 Ar23 others [Mute icon] [More icon]

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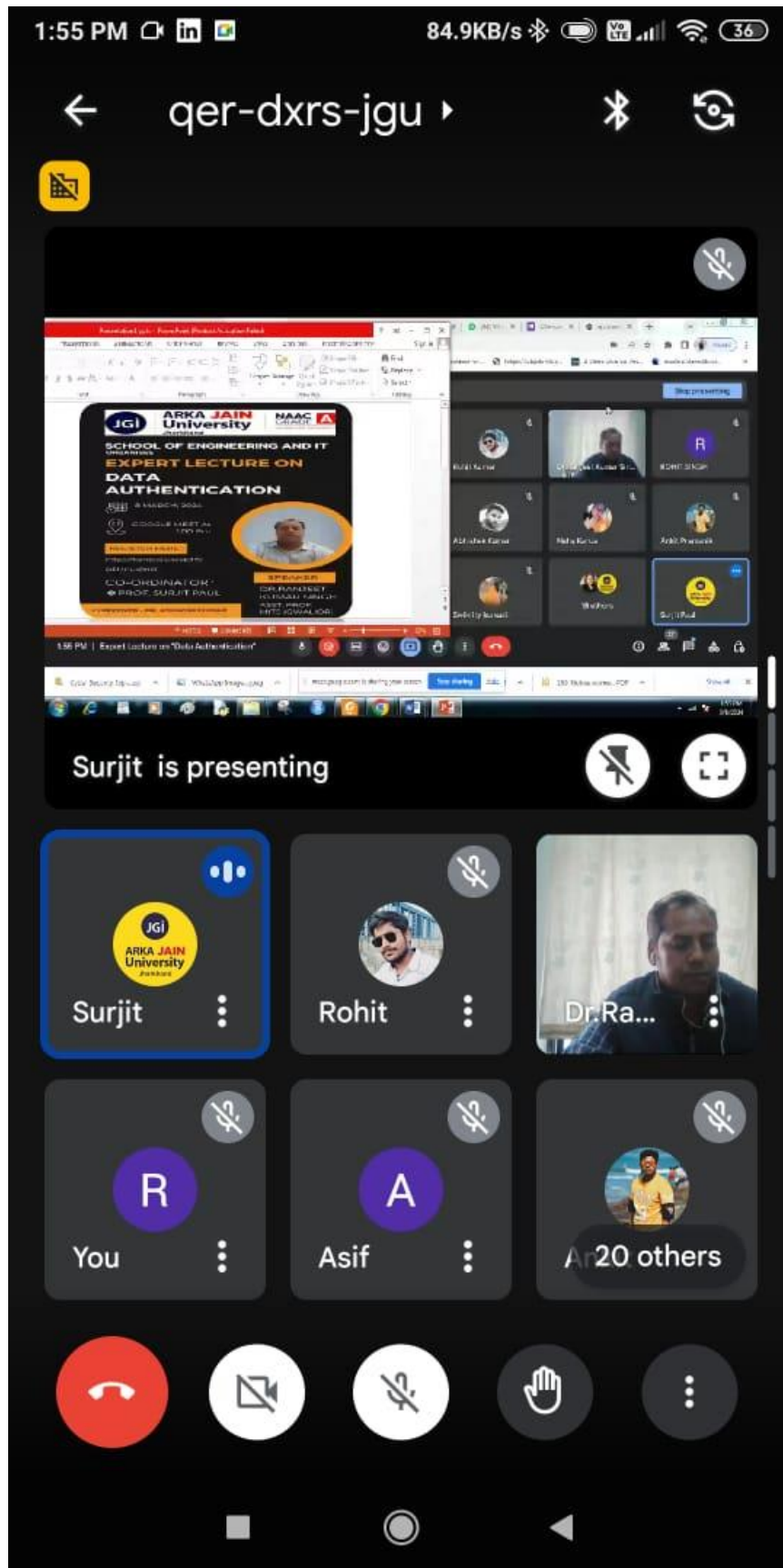
17



Dr. Ranjeet

Surjit is presenting





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Sample participation certificates:

SL No. AJU/ENGG/EXPERT LECTURE/2024/1


 **ARKA JAIN**
University
Jharkhand


 **NAAC**
GRADE **A**
ACCREDITED UNIVERSITY

CERTIFICATE OF
PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO
ROHIT SINGH

FOR ATTENDING AN EXPERT LECTURE ON
'DATA AUTHENTICATION'
ON 8th MARCH CONDUCTED BY
SCHOOL OF ENGINEERING AND IT


COORDINATOR


CONVENOR



ARKA JAIN
University
Jharkhand



SL No. AJU/ENGG/EXPERT LECTURE/2024/17



ARKA JAIN
University
Jharkhand



CERTIFICATE OF

PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

AMAN KUMAR KESHRI

FOR ATTENDING AN EXPERT LECTURE ON
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SCHOOL OF ENGINEERING AND IT

Surjit Paul

COORDINATOR

Ashwini Kumar

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SL No. AJU/ENGG/EXPERT LECTURE/2024/9



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University
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THIS CERTIFICATE IS PRESENTED TO

ABHISHEK CHOUHAN

FOR ATTENDING AN EXPERT LECTURE ON
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Surjit Paul

COORDINATOR

Ashwini Kumar

CONVENOR



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FOR ATTENDING AN EXPERT LECTURE ON
'DATA AUTHENTICATION'
ON 8th MARCH CONDUCTED BY
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Surjit Paul

COORDINATOR

Ashwini Kumar

CONVENOR