



Guest Lecture from the Department of Computer Science & Engineering

An Autonomous Institute

Affiliated to Visvesvaraya Technological University, Belagavi Approved By AICTE, New Delhi.

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A Report on Guest Lecture on Cryptography and Network Security

Date of the event	28/06/2023
Title of the Event	Cryptography and Network Security
Organized by	Department of Computer Science and Engineering MVJCE, Bangalore

The Department of Computer Science and Engineering organized an event entitled. The event was Guest Lecture On “Cryptography and Network Security” conducted in “M.V Jayaraman Auditorium”. The event started at 01:30 pm and concluded at 03.30 pm. Total 300 students from all the 4th semesters of Dept. of Computer Science and Engineering, Computer Science and Design and Artificial Intelligence were participated in this event.

Chief guest Mr.Kalmesh Joshi,Principal Advisor - CSCO

Kalmesh Joshi is an accomplished Senior Management professional with career spanning over 26 years in Information Technology. He holds a Degree in Electrical & Electronics Engineering and is an MDP alumnus of IIM,Calcutta. He started as an Engineer and has grown to play the roles of Senior Director, COO, CDO, CISO across International Organizations. He has the experience of handling onshore and offshore, multi-cultural teams, across the globe. He has notable contribution and award-winning performances at organisations like Intel, Microsoft, Mindtree. He has conducted technology and Hands-on trainings for more than 2500 System Integrators across South Asia apart from training teams at USA. He continues to train Professionals and Students, conducting Intership Workshops.



Figure 1: Resource person and Head of the department on the Stage

He had explained basics of Cryptography and Network Security. Network security and cryptography is a subject too wide ranging to coverage about how to protect information in digital form and to provide security services. However, he had explained overview of network security and cryptography and various algorithms which are used for security.



Figure 2: Resource person delivered a lecture on “Cryptography and Network Security”

He had presented a detailed overview of the subject of network security and cryptography in digital signatures. The purpose of a digital signature is to provide a means for an entity to bind its identity to a piece of information. The common attacks on digital signature were explained well.



Figure 3: Students participants from CSE,CG and AIML department

The first method was the RSA signature scheme, which remains today one of the most practical and versatile techniques available. Fiat-Shamir signature schemes, DSA and related signature schemes are two other methods discussed. Applications of Digital Signature in information security, including authentication, data integrity, and non-repudiation was explained well.

Faculty Coordinator of the event:

Dr.I.Ambika, Associate Professor/CSE

Outcome of the Event:

After the successful completion of Guest Lecture, student's participants

- learnt how to provide security of the data over the network.
- learnt to do research in the emerging areas of cryptography and network security.
- learnt how to implement various networking protocols.
- learnt how to protect any network from the threats in the world.

Event Co-ordinator

HOD