

Jnanavardhana Report

Date: 26/10/2018

Speaker: Prof. Mamatha K R

Time: 3.00pm

Venue: ECE Board Room

Topic: Cryptography-Symmetric Ciphers

Delivered a talk on cryptography especially symmetric cipher which was the only type of encryption in use prior to the development of public-key encryption in the 1970s . Symmetric encryption is a form of cryptosystem in which encryption and decryption are performed using the same key. It is also known as conventional encryption or single key encryption.

The two basic building blocks of all encryption techniques are substitution and Transposition. The different techniques involved in substitution techniques like Caesar Cipher, Mono alphabetic Cipher, Play fair Cipher, Hill cipher and Onetime pad ciphering techniques are discussed.

