**LECTURE 12**

**STEGANOGRAPHY**

1. What is Steganography?

A technique that hides a secret message by enclosing it in an ordinary message.

1. What is the difference between Steganography and Watermarking?

Steganography

* The original message is hidden behind another message
* The emphasis is on avoiding detection of the hidden message
* The goal is to hide the largest possible message
* It can be used for secret communication between parties

Watermarking

* The original image may be visible or invisible in the watermarked image
* The emphasis is on avoiding distortion of the original file
* Usually only a small message is hidden, such as a copyright notice
* It can be used for copyright protection and image authentication

1. What is the difference between Steganography and Cryptography?

Steganography

* The technique of hiding information by embedding messages within another message
* The message is not visible because it is hidden behind the other message
* Focuses on concealing the existence of the message

Cryptography

* The technique of encoding the contents of a message to hide its meaning
* The existence of the message is clear, but the contents are obscured
* Focuses on making the message unreadable to anyone except the intended recipient