College of Engineering Chengannur
Department of Computer Engineering
M. Tech. Computer Science(Image Processing)
03CS6902 Mini Project
Periodic Report No.12(For the period 1/9/2021 to 11/09/2021)
Steganography/ Hiding Images within Images
CHN20CSIP07 Sree Lekshmi B S

1 Work Assigned

Implementation of each CNN networks and perform training.

2 Work Done

Cleared the doubt regarding revealing network and how security is ensured in transmitting data from sender to receiver side. The system has two phases. The first phase(encoder) contains preparation network and hiding network in the sender side. The second phase(decoder) has revealing network which is in receiver side. Although the system works in two sides they are trained as pairs. ie whatever transformations are performed in the encoder phase the system is trained to perform the reverse of the same. If an attacker find the transmitting data he can't reveal the secret information because the attacker does not have suitable revealing system.
Implementation of preparation network is completed. Training set is split into 2 sets. One for training secret images and other for training cover images.

3 Work Schedule for Next 10 Days(12/9/2021-21/9/2021)

1. Implementing hiding and revealing networks.

2. Training of these networks.

4 Assessment of Guide

Performance assessment & Remarks by the guide: Poor/Acceptable/Satisfactory/Good/Very Good/Excellent
Name & dated signature of the guide: