

**SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION**

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**Project Report  
On**

**“UNIQUE TECHNIQUE FOR VIDEO STEGANOGRAPHY”**

Submitted in partial fulfillment of requirements for the award of degree of

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IN  
TELECOMMUNICATION ENGINEERING**

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## ABSTRACT

Communication is all about information exchange. Recently with the advancement in technology and the rapid exponential growth in the means of communication there are various domains emerged in the field of communication. Data hiding is a recently developed technique in the field of information security and has received significant attention from both academia and industry. Steganography is the practice of encoding secret information in a manner such that the very existence of the information is concealed.

Steganography means hiding data inside cover objects such as images that will escape detection and can be retrieved with no distortion at the receiver. The messages such as images, videos, audio files, text and other computer files can be hidden inside images or other digital objects. The purpose of Steganography is not to keep others from knowing the hidden information – it is to keep others away from thinking that the information even exists.

Our project **UNIQUE TECHNIQUE FOR VIDEOSTEGANOGRAPHY** is one of the latest advancements accomplished in the field of data security. In this project a secret text message, technically known as the payload is embedded into a video which is called the cover video. For a general view it seems as a simple video file that is transmitted finally but actually it has got the secret text message hidden in it.

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