**Title of the project:** Fast Enhanced Unidentifiable Object

DETECTION USING DEEP LEARNING ALGORITHM

**Name of the students :** MONISHA V [REG NO.211417104153]

RAMYA S[REG NO.211417104219]

RAMYA S[REG NO.211417104220]

**Name of the guide :** M.MAHESWARI ,M.E

Professor, Department of cse

Panimalar Engineering College

**ABSTRACT**

Over the years the number of sensors, cameras, and cognitive pieces of equipment placed in the wilderness has been growing exponentially. However, the resources (human) to leverage these data into something meaningful are not improving at the same rate. Our framework detects all the objects based on training set provided to it. Main view of this project is to increase the accuracy rate of the detection. it recognize the object even in blur stage or under less brightness.In recent days the detection of objects is done with RCNN. Our framework takes full advantage of extracting from FCN providing more advanced representation at each layer, this property is used for segment detection. It has advantages in terms of efficiency ie ,0.08 second per image, effectiveness and simplicity over existing algorithms. It can be analyzed on the role of training data on performance, the experimental results provide a more reasonable and powerful training set for future research.Over 60-65k images can be trained for detection. This framework can be constructed using deep learning, which is a subset of machine learning in AI that has network capability of learning unsupervised from data that is unstructured or unable.