

A

Project Report

On

**FINE-GRAINED TWO FACTORS ACCESS CONTROL  
FOR WEB BASED CLOUD COMPUTING SERVICES**

*Submitted to*

Department of  
**Computer Science and Engineering**

By

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Under the guidance

Of

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**SUMATHI REDDY INSTITUTE OF TECHNOLOGY for WOMEN**

*(Approved by AICTE, New Delhi; Affiliated to JNTU, Hyderabad)*

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## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



### **CERTIFICATE**

This is to certify that the project entitled “**FINE-GRAINED TWO FACTORS ACCESS CONTROL FOR WEB BASED CLOUD COMPUTING SERVICES**” is submitted by DEVATHA RISHITHA(206Y1A6615), PALLENI MADHAVI(206Y1A6640), MOHAMMAD AYESHA(206Y1A6634) and MUPPIDI SAANVIKA(206Y1A6635) to the department of Computer Science and Engineering during academic year 2022-23.

*Pranathi*

**Ms.V.PRANATHI**

Project Guide



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## 1. ABSTRACT

The problem discussed in this project is object detection using deep neural network especially convolution neural networks. Object detection was previously done using only conventional deep convolution neural network whereas using regional based convolution network increases the accuracy and also decreases the time required to complete the program. The dataset used is COCO Model which contains thousands of models. The dataset is very popular in image recognition, object detection and other image processing problems. Supervised learning is also possible in implementing the problem using Decision trees or more likely SVM. But neural network work best in image processing because they can handle images well



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