

Rajiv Gandhi University Of Knowledge Technologies, RK-VALLEY

Department of Computer Science & Engineering

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Name of the Course : CSE (MINI PROJECT)

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Title of the Project : IMAGE CLASSIFICATION USING MACHINE LEARNING

Project guide : P.Santosh Kumar

ABSTRACT: Image classification using machine learning

Image Classification:

The task of identifying what an image represents from a predefined **dataset** is called image classification. An image classification model is trained to recognize various classes of images using machine learning.

Here the model will be trained by the different type of images of specific people using **DATASET** . After training the model ,the model will be hosted using website. By providing particular image to the model from its trained dataset, model is able to identify the person.

Technologies Used:

1.Python with Machine Learning

2.Flask server

3. Numpy and OpenCV for data cleaning

4. Matplotlib & Seaborn for data visualization

5. Sklearn for model building

6. Jupyter notebook, visual studio code and pycharm as IDE

(Integrated Development Environment)

7. HTML/CSS/Javascript for User Interface(UI)