

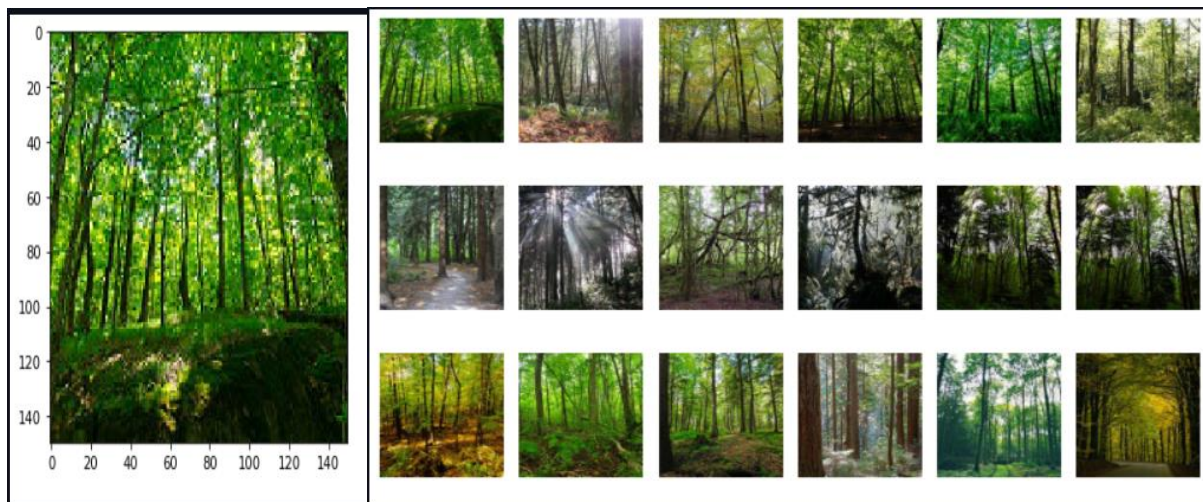
# Internship Week 3 Report

Pranav Gawade

D-161

0120180060

- For the week 3 of Inhouse internship under P.V Ugale mam. The task was to improve the accuracy of retrieval using other image features. Texture is another important feature of an image which gives us pretty good information about the patterns and structures present in the image. For extracting texture feature from an image there are a lot of different techniques. One of the most effective and popular technique is the Gabor transform. The task was to use Gabor transform to extract image features and to find similar features based on the distance function. For the following image using Gabor transform alone gave us an accuracy of 100% (For retrieving 100 images from database of 14000 images)



Another important characteristic of an image is the shapes present in the image. It gives us good amount of insights into what sort of structure is present in the image and will be very important in determining relevant images. Next step would be to research and implement algorithms for shape feature extraction and retrieval.