

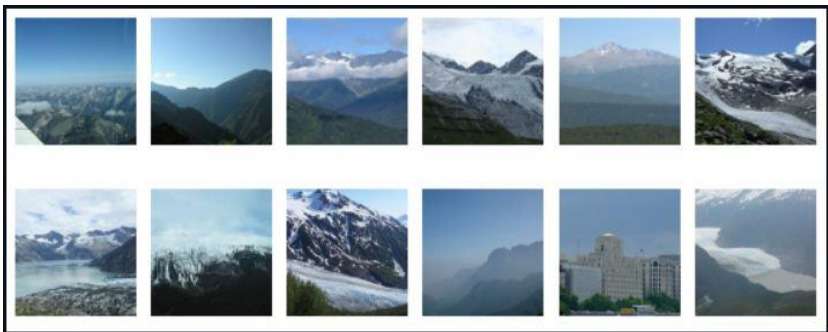
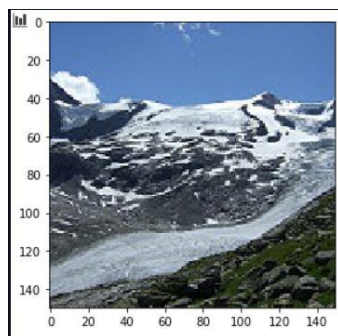
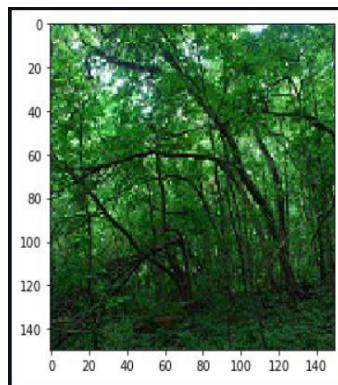
# Internship Week 1 Report

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- For the week 1 of Inhouse internship under P.V Ugale mam. The task was to read the research papers about the topic and implement a basic CBIR system using image features extracted from data. Colour feature was used as a primary data and RGB as well as HSV colour spaces were tested for effectiveness. Using HSV colour features of the image similar images were retrieved using Euclidian distance as the distance metric. Results of which are shown in blow images



From above images it is clear that the algorithm clearly identifies colour similarities effectively. However, it is not able to properly identify the object present in the image. In the above example, A building of white colour is also classified as a mountain. In the upcoming weeks, we will try to use other image features like Shape and Texture to improve retrieval accuracy.