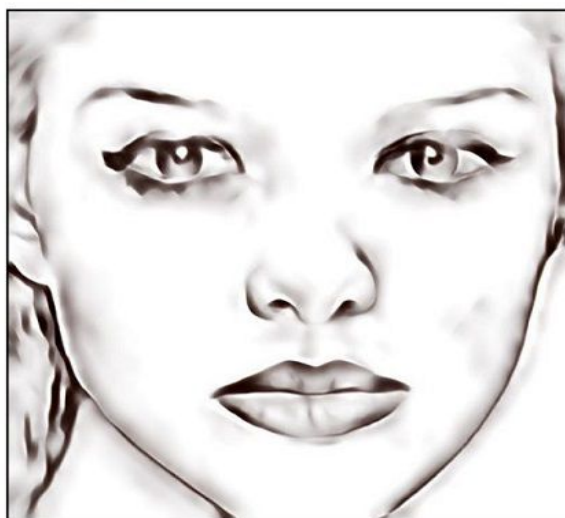# Image Style Transfer using Deep Neural Nets

Team Name: The Last Minute Team
Team Members:
Rachit Jain
Aashish Kumar
Chanakya Vishal KP
Swapnil Gupta

Project Mentor : Sanjoy Chowdhary
Instructors   : Dr. Ravi Kiran

Introduction

Style transfer is an important image editing task which enables the creation of new artistic works. Given a pair of images, i.e content image and style image, it aims to synthesize an image that preserves some notion of the content but carries characteristics of the style. The key challenge is how to extract effective representations of the style and then match it in the content image.
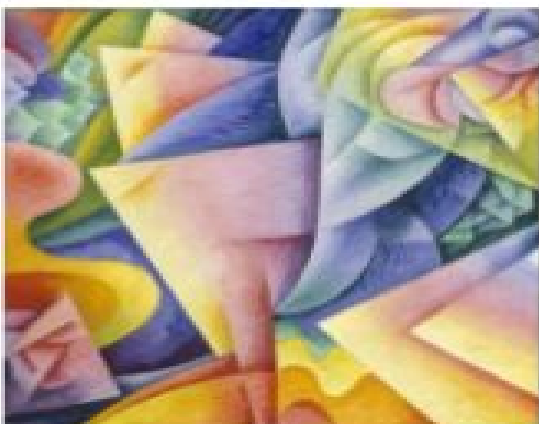
Goal

The main task of this problem is to extract effective representations of the style and then match it to the content image.

Expected Result

Extracted effective representation of style and matched with the content of image.

Style Image

Content Image

Expected Result from the Style image and content image

(a) I_5 (b) I_4 (c) I_1

Task Distribution:

As we do not have in-depth knowledge of this project, we have not divided the work yet.

Milestones and Timeline:

The style transfer problem is formulated as a combination of two processes, viz. Image Reconstruction and Feature transform.

- Image Reconstruction (**March End**)
- Feature Transformation (**Mid April**)