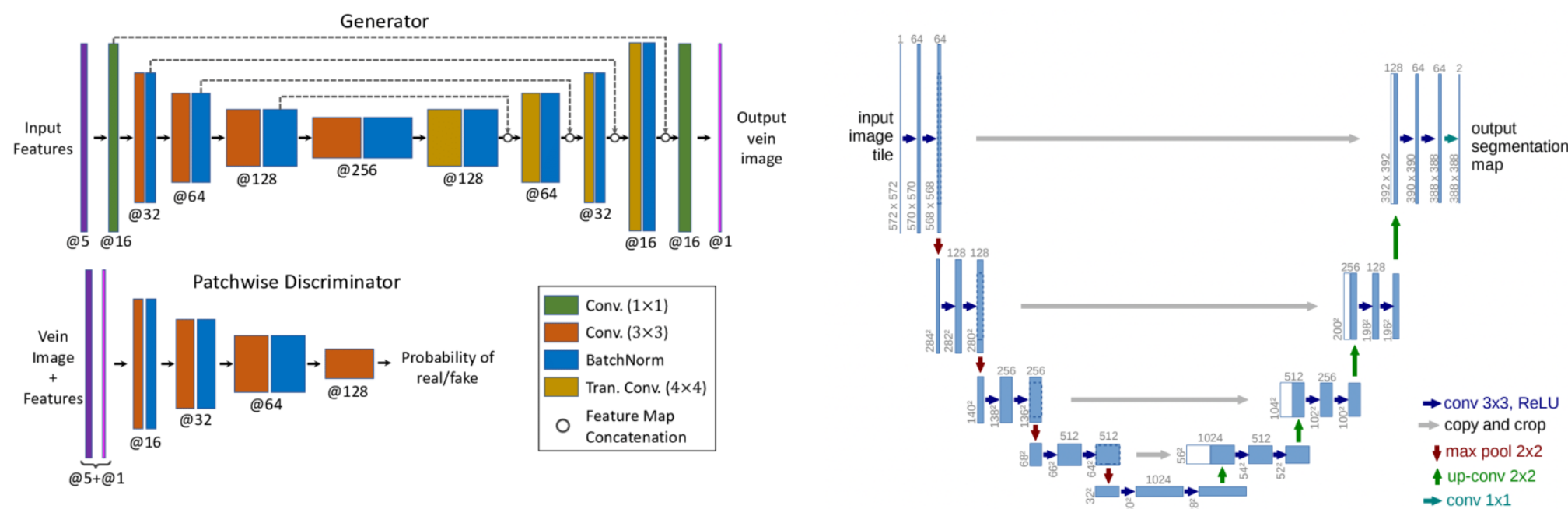
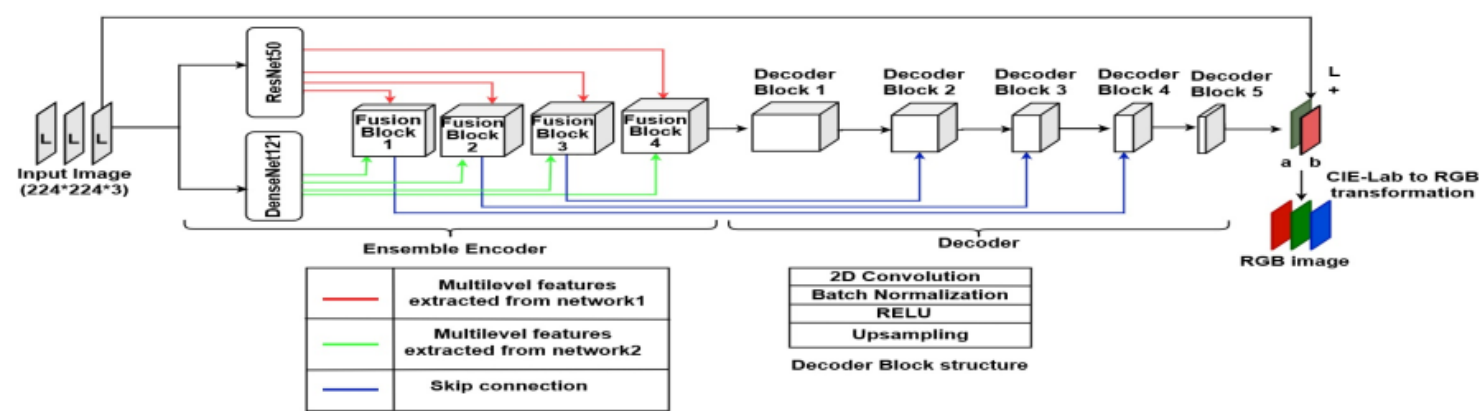
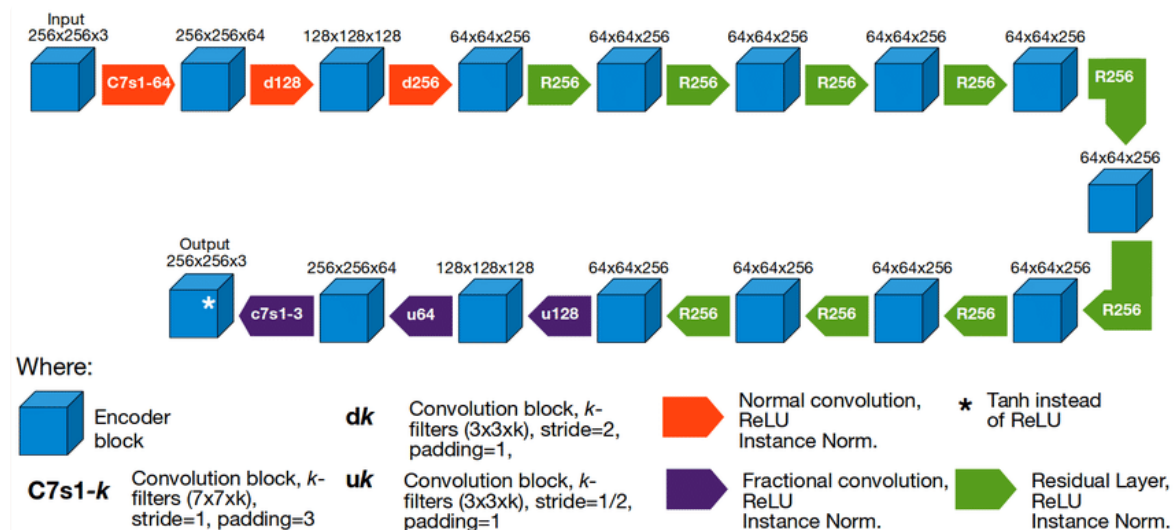


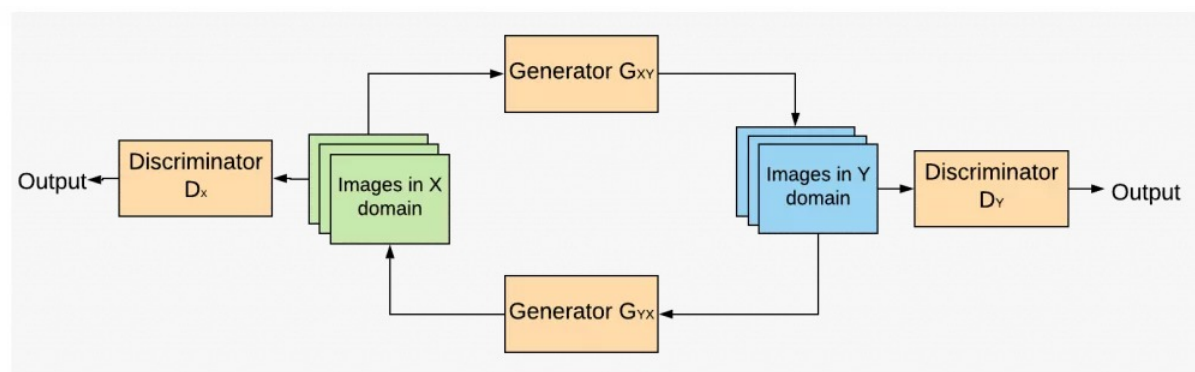
Ensemble architecture for image colourization using ResNet50 and DenseNet121



PIX2PIX



CycleGAN Architecture



Current Architecture proposed by the paper we are utilising for skeeth colourization

The proposed solution that we consider and might be considered as novelty is trying to implemet the architecture inspired by emsemble of ResNet50 and DenseNet121, wherein we introduce parallelized functioning of Pix2Pix and CycleGAN replacing the ResNet50 and DenseNet121, taking the i/p and io/p dimension expectations of all four models in consideration.

A naive approach could be introducing a new parallel layer of fusion and decoder blocks but instead we use the Generator and Discriminator for each of the parallel layer (one or Pix2Pix and other one for CycleGAN)