


G. Narayanamma Institute of Technology & Science (For Women)(Autonomous)

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Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) HB.TechII Sem Hobby Project
on "Cartoonization of Images"

Abstract

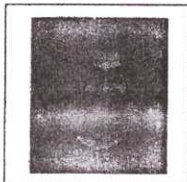
Cartoon is a popular art form that has been widely applied in diverse scenes. Cartooning of image is a motion picture that relies on a sequence of illustration for its animation. Modern cartoon animation workflows allow artists to use a variety of sources to create content. Some famous products have been created by turning real-world photography into usable cartoon scene materials, where the process is called image Cartoonization.

Image process could be a methodology to perform some operations on a picture, so as to induce Associate in Nursing increased image or to extract some helpful data from it. it's a kind of signal process within which input is a picture and output might be an image or characteristics/features related to that image. Image process tools include: Open CV, Scikit Image, Numpy. A Generative Adversarial Network (GAN) is essentially want to learn the extracted representations and any animate the photographs. The most object of our methodology is to create our framework additional governable and adjusting. Open CV is Associate in Nursing ASCII text file python library used for PC vision and machine learning. Numpy could be a library for scientific computing in Python. It provides a superior flat array object and tools for operating with these arrays. The algorithms utilized in image process area unit morphological Image process, mathematician Image process. Fourier rework in image process, Edge Detection in image process, rippling Image process, Convolutional Neural.

H/W Requirements: Intel Core i5 processor, Hard Disk of capacity 500GB, 8GB RAM , 64-Bit OS.

S/W Requirements: Python 3, cv2, numpy, easygui, imageio, matplotlib, TKinter.

*Dept R&D: Yes / No * If No: GNITS



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