Study on Color Image Processing: A Review Paper

Shifa Jaan Mohammed Khan

Department of Information Technology

Sir Sitaram and Lady Shantabai Patkar College of Arts and Science, Mumbai, Maharashtra, India

khanshifa0709@gmail.com

Abstract: *The goal of Color Image Processing is to show image information for human perception. It is likewise essential step of digital image processing. It offers the applications of image processing which extract the features from image data, from which description, knowledge and facts can be obtained through machine. This system permits user to take hard copy of an image using printer and different output devices along with scanner etc; and additionally store the screen image into the disk file the use of file format (.jpg, .gif, .png etc.). It relates the image properties such as alteration and analysis of pictorial information. Color image processing is split into major areas: full-color and pseudo-color processing. Nowadays image processing is utilized in our everyday life. The maximum effective image processing system is the one that interact with human brain collectively with the human eye. The most important goal of this paper is to review development and implementation of color image processing that's essential to operate upon images and visually enhance the images.*

Keywords: Color models, RGB, CMY, HSI, YIQ, Pseudo-color processing, Full-color processing.

REFERENCES

[1]. A Review on Color Image Processing Akshata A Kulkarni1 , Rutuja D Kurundkar2 , Sneha V Khare3 , Shubhashree Savant4 , Prashant Chintal

[2]. Color Image Processing in Digital Image Dr. Mir Mohammad Azad, Md Mahedi Hasan , Mohammed Naseer K

[3]. Rafael C. Gonzales, Richard E. Woods. "Digital Image Processing". second edition, Prentice Hall,2002.

[4]. Harmeet Kaur Kelda,Prabhpreet Kaur "A Review: Color Models in Image Processing" .Harmeet Kaur kelda et al , Int.J.Computer Technology & Applications,Vol 5 (2),319-322 ISSN:2229-6093

[5]. Che-Yen Wen,Chun-Ming Chou "Color Image Models and its Applications to Document Examination.Forensic Science" Journal 2004;3:23-32

[6]. Rupali Nayyer and Bhubneshwar Sharma "Use and analysis of Color Models in Image Processing" Rupali Nayyer and Bhubneshwar Sharma /International Journal of Advances in Scientific Research 2015; 1(08): 329-330 Journal DOI: 10.7439/ijasr(Online) ISSN: 2395-3616

[7]. Slavik D Tabakov "Introduction to Vision, Colour Models And Image Compression" Medical Physics International Journal, vol.1, No.1, 2013