



NMAM INSTITUTE OF TECHNOLOGY

(A unit of Nitte Education Trust)

Nitte - 574 110, Karkala tk, Udupi Dist., Karnataka
Department of Computer Science and Engineering.

IMAGE PROCESSING

Photoshop Lite

(A simple image editor)

Project by -

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Project guide -

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Project title -

Photoshop Lite.

Project description -

- This project is going to be a simple Image processing/editing software, capable of modifying / enhancing the image as user wishes.
- Different image processing options will be provided to the user, using which he/she can modify/enhance the image at the click of a button.
- Various image processing algorithms will be used to build this software. Some of them are as follows -
 - Histogram Equalization -
for modifying contrast of images.
 - Sobel and Prewitt operators -
for edge detection.
 - Gaussian, Butterworth and Additive filters -
for image smoothing.
 - Image segmentation (Thresholding) -
for identifying objects in images.

Technologies -

1. HTML
2. CSS
3. JavaScript