

CSD4060 Couse Work 3 (25%) (Image Processing)

Task – Edge detection

Task : Program your **own** MATLAB function code to detect edges of a chosen image (of your choice) with comparison with 3 **existing** approaches.

Criteria for Task 2

Content
No submission is given or no action is performed.
<ul style="list-style-type: none">• Being able to upload an image.• Being able to display the image.• One existing edge operator/algorithm is applied.
<ul style="list-style-type: none">• In addition to the criteria required for PASS, the followings are to be met.• Three or more edge detection operators are applied.• 1-page working-note explaining your own approach (One page only following the template in next page).
<ul style="list-style-type: none">• In addition to the criteria required for Merit, the followings are to be met.• An interface to upload any image, e.g. 'myim.jpg'. (+5%)• Being able to explain the way each edge detection works as specified in the 1-page report. (+5%)• Explain which edge detector works better in your own view in the 1-page report (template at next page). (+5%)• An interface is given depicting all edge detection methods in one-go. (+5%)• Any other features you have learnt yourself by specifying in the 1-page report. (20%)

