

**MULTIMEDIA LAB**  
**IADAVPUR UNIVERSITY**  
**INFORMATION TECHNOLOGY, 6TH SEM**

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**ASSIGNMENT: - 07**

**TOPIC: - WORKING WITH COLOR MODE CONVERSIONS**

Color to Grayscale

1. Open file CAMEO.TIF in Photoshop.
2. Convert color image to grayscale is by choosing Image > Adjust > Desaturate.
3. Choose Edit > Undo changes for a better way to de-saturate.
4. Choose Image > Mode > LAB color.
5. Select the L channel. Choose Image > Mode > Grayscale. Discard other channels.
6. Save as CAMEO\_GS.JPG.



Grayscale to Color

1. Open file CAMEO.TIF in Photoshop.
2. Choose Image > Mode > Indexed color. Choose Adaptive palette setting.
3. Choose Image > Mode > Color Table.
4. Click Save button to save the color table as CAMEO.ACT
5. Close file CAMEO.TIF without saving
6. Open file CAMEO\_GS.TIF in Photoshop.
7. Choose Image > Mode > RGB Color.
8. In Layers palette create a new layer and name it Color.

9. Change blending mode of the new layer to Color.
10. Select Paintbrush tool and 65-pixel soft brush. Selecting colors from the Swatches palette paint on the grayscale image to color it.
11. Save as TASK13a.PSD and TASK13a.JPG.



#### Grayscale to Duotone

1. Open file CAMEO\_GS.TIF in Photoshop.
2. Choose Image > Mode > Duotone color.
3. Click on color box for Ink2. Choose Pantone Uncoated Yellow.
4. For Ink1 (black) choose color distribution as 50: 30%. For Ink2 choose 50: 70%.
5. Save as TASK13b.PSD and TASK13b.JPG.

