

CASE STUDY : TO PERFORM IMAGE ENHANCEMENT TECHNIQUES  
ON TWO IMAGES USING ~~TOOLS~~ TOOLS PROVIDED IN  
GIMP SOFTWARE *at least 5*

### PROCEDURE:

1. The image to be enhanced was opened in Gimp Software.
2. From the 'Colors' menu option, following enhancements were selected one-by-one and the values were adjusted as required:
  - a) Brightness-Contrast
  - b) Shadows-Highlights
  - c) Exposure
  - d) Saturation
  - e) Hue-Saturation
  - f) Color Temperature
  - g) Color Balance
3. The final enhanced image was saved and exported as png.

### ENHANCEMENTS DONE ON FIGURE 1.2:

1. Photo Filter (Color Temperature) : Color : #ec8a00  
Density: 38%
2. Brightness-Contrast : Brightness: 76  
Contrast: 68
3. Exposure : Exposure: +0.56  
Offset : -0.0042  
Gamma Correction: 2.13
4. Vibrance : +75
5. Saturation : +65



fig. 1.1 : Original Images before any enhancements



fig. 1.2: Enhanced Image Using Enhancement Tools in Gimp Software.

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Ra hi  
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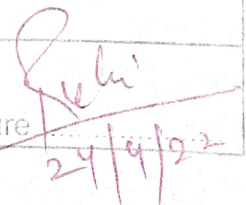
## ENHANCEMENTS DONE ON FIGURE 2.2:

1. Brightness : 150
2. Contrast : 83
3. Hue : +5
4. Saturation : +19
5. Lightness : +1
6. Vibrance : +82
7. Exposure : +0.17
8. Gamma Correction : 0.65

## CONCLUSION:

We learnt various enhancement techniques available on Gimp Photo Editor Platform and enhanced our image to look better and brighter.

Teacher's Signature

  
24/4/22



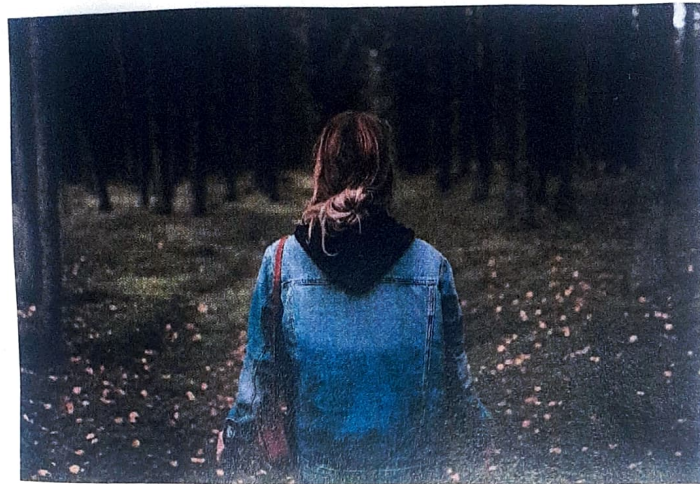


fig. 2.1 : Original Images before any enhancements.



fig 2.2: Enhanced Image Using Enhancement Tools in Gimp Software.

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