



UNIVERSITY OF ENGINEERING AND TECHNOLOGY TAXILA

FACULTY OF TELECOMMUNICATION AND INFORMATION ENGINEERING

Computer Engineering Department

DIGITAL IMAGE

PROCESSING

LAB MANUAL 5

Histogram Processing

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Histogram Processing

LAB OBJECTIVE:

The objective of this lab is to understand & implement

- 1 Histogram
- 2 Histogram Equalization

TASK 1

Plot histogram of image lab5.jpg. Although Matlab has a histogram function imhist but you write your code to calculate histogram. Note

1. Effects on histogram after changing gray levels and spatial resolution (ref. lab 2).
2. Effects on histogram after intensity transformation (ref. lab 4).

TASK 2

Write a program to equalize the histogram and repeat the task1.
