

## LAB ASSIGNMENT-03

Time-1 hr

1. Consider the following gray level transformation for image enhancement. Use the same over the image "cameraman.tif" and show the output .
  - a. nth root
  - b. nth power
  - c. log
  - d. inverse log
  - e. identity
  - f. negative
2. Use Gaussian mask of size 5\*5 and convolve the same with each output of the above problem.
3. Use the following contrast stretching transformation over the same image and show the output for different values of  $m$ . Vary the value of  $e$  (slope controller) and show the result of the same on output

