Department Of _Information Technology_

Year and Course _T. Y B. Tech_ PRN No.: _124B2F006_

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Sr. No.	Title	Page No.	Date	Signature	Remarks
1)	Read a 8 bit image and then apply different image enhancement techniques a)Brightness improvment b)Brightness reduction c)Thresholding d)negative of an image e) log transformation f) power low transformation	1-6	1-7.25		
2)	Read an image, plot its histogram then do histogram equalization. Comment about the result. Implement various spatial domain and frequency domain filters.	1-7	25-7-25		
3)	Perform image, plot its histogram then do histogram equalization.				

This is certify that Shri. _Meha Gurbaksh Todavi_ has carried out the

above mentioned _B B FDIP Lab_ Practicals / Term Work

in the _Information_ Department of Pimpri Chinchwad College of Engineering, Pune-44.
Technology

Date : 4-11-25

Subject Incharge

Head of Department
Pimpri Chinchwad College of Engineering, Pune - 44

Department Of __Information Technology__

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3)	Perform image Sampling and quantization on set of images and analyze the sample values in sampling process and find different quantized levels in color models.	1-5	8-8-25		
4)	Consider any suitable set of image dataset with enough size of sample space to evaluate the effect of noise models. Implement noise models like Gaussian, salt & pepper, and Impulse and generate their histograms.	1-7	29-8-25	Patwar 31/10/25	
5)	Perform Contrast Stretching of a low contrast image to enhance the image	1-6	26-9-25		

This is certify that Shri. __Neha Gulbaksh Tadavi__ has carried out the

above mentioned __FOIP lab__ Practicals / Term Work

in the __Information Technology__ Department of Pimpri Chinchwad College of Engineering, Pune-44.

Date : 4-11-25

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Department Of __Information Technology__

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	quality and compare their				
	Histogram. Perform Histog-				
	ram Equalization to create				
	uniform distribution of				
	pixel intensities.				
6)	Consider any image data-	1-4	8-10-25		
	set with raw images				
	containing noise, distortion etc.				
	Apply filtering techniques				
	and implement Inverse				
	filter and winere filter				
	over the set of Images				
	in the dataset for Image				
	restoration and comment				
	on these two filtering				
7)	Implement Image com-	1-8	81-10-25		
	pression using DCT				
	Transform and Huffm-				
	an coding				

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