Reg. No.: | | | | | | | | |

G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.

UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.

(For those admitted in June 2021 and later)

PROGRAMME AND BRANCH: B.Sc. COMPUTER SCIENCE

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
VI	PART-IV	SEC	U21CS6S2	MAT LAB

Date & Session: 05.05.2025/FN **Time: 2 hours** **Maximum: 50 Marks**

Bloom's K-level	Q. No.	SECTION – A (5 X 10= 50 Marks) Answer ALL Questions choosing either (a) or (b).
K3	1	How to read and display an image in MAT LAB **(OR)** Explain various data types in MATLAB.
K4	2.	Write a program to perform the basic arithmetic operations of an image with an example. **(OR)** Compare and contrast the DCT and DFT in images.
K3	3.	Explain the logical operations of an image with an example. **(OR)** Assess the process of dwt in image processing.
K4	4.	Discuss the histogram equalization of an image **(OR)** Interpret the conversion of color spaces in images.
K5	5.	Organize the various types of edge detection using operators. **(OR)** Describe the various transformation of images.

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