CHRIST (Deemed to be University)

Department of Computer Science

MAI 373 / Computer Vision

Class: III M.Sc (AI & ML)-2023-2024

CAC – II

DATE: 21-03-2024 Time: 2.00 To 4.00 PM Max Marks:30

SET –II

1. Illustrate the following geometric operations using Affine transformation
   i)   Translation
   ii)   Scaling
   iii) Rotation

2. Implement the following Linear Spatial Filtering techniques
   i)   Average filter
   ii)   Laplacian Filter

Submission guidelines
Submit PDF and ipynb file
The file name should be RegNo_CAC-2

Evaluation Rubrics
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    1. Correctness of Code
       a. Program 1 – 5 Marks
       b. Program 2 – 5 Marks
    2. Implementation (Built-in/User defined function)-8
    3. Visualization of results – 7 Marks
    3. Concept Clarity (VIVA)– 5 Marks