

No. of Printed Pages : 1 **MMTE-003(P)(Set-I)**

**M. SC. (MATHEMATICS WITH
APPLICATIONS IN COMPUTER
SCIENCE) [M. SC. (MACS)]**

Term-End Practical Examination

June, 2025

**MMTE-003(P)(Set-I) : PATTERN RECOGNITION
AND IMAGE PROCESSING**

Time : $1\frac{1}{2}$ Hours

Maximum Marks : 40

Note : (i) *There question paper has **two** questions worth 30 marks. Remaining 10 marks are for viva-voce.*

(ii) *Use Sci-lab only.*

1. Load an image. Change the resolution of the image. Also change the gray levels to 64, 16, 8, 4, 2 to display the same image. 15
2. Load an image. Find the discrete cosine transform of the image. 15

x x x x x