



ANDHRA ENGINEERING COLLEGE: ATMAKUR – 524322

AIMLB.TECH IV-I SEM (R20) II-MID EXAMINATIONS, OCTOBER-2025

BRANCH:AIML
SUBJECT & CODE:AI for Image Analysis - 20A30702b
Max. Marks: 30
Name of the faculty:OBULA RAJU D

DATE:16-10-2025
Type: DESCRIPTIVE
Duration:120 Mins
DEPT:AIML

Note: This question paper contains two parts A and B.

Part A each question carries 2 marks, answer all question in part A & part B.

Part B each question carries 10 marks.

The marks obtained in part B are condensed to 15 marks.

OBJ(10M)+DES(15)+ASS(5M)=TOT(30M)

OBJ(10M)+DES(15)= 25M

PART-B (10x3=30)

DES(30M)/Final (15M)

1. Gamma Correction (Power-Law Transformation)? (10M)

(OR)

2. Image Rotation, Shifting & Scaling using Scikit-Image? (10M)

3. Image Blending? (10M)

(OR)

4. Image Smoothing Filters? (10M)

5a. SIFT & RANSAC for Feature Mapping and Image Registration? (5M)

5b. CNN for Image Classification ? (5M)

(OR)

6a. ML Models for Image Classification ? (5M)

6b. Real-time CV Use Cases ? (5M)