



B.Tech Electronics & Communication Engineering

Sixth Semester (Session 2023-24)

Course Name: BEC3602: Digital Image Processing

BEC3602	Course Outcomes
CO 1	Understand the basic principle of image processing Image sampling and quantization ,Pixel, RGB
CO 2	Describe the spatial domain and frequency domain, Smoothing and Sharpening frequency domain
CO 3	Analyze Image Restoration Adaptive filters – Band reject Filters – Band pass Filters – Notch Filters – Optimum Notch Filtering
CO 4	Examine Edge detection, Edge linking Hough transform – Thresholding
CO 5	Examine data compression, Huffman, Run Length Encoding, Shift codes, Arithmetic coding, JPEG standard, MPEG