

Project List for Digital Image Processing

- Moving Vehicles Fast & Strong Detection in Aerial Videos with Sliding Windows
- Removal of Haze for Underwater Images based on Contrast & Improvement of Color using the Fusion Method.
- Face Recognition based Image Set with Simultaneous Feature & Dictionary Learning
- Analytics of Video for Monitoring of Traffic
- Analysis and Detection of Infant Cry
- WSNs based Palms Efficient Protection from RPW Larvae
- Recognition of Gait through Active Energy Image & Gabor wavelet
- Recognition of Human Activity through Neural Networks
- Detection of Lung Cancer with Digital Image Processing Over CT Scan Images
- Polynomial Interpolation based Compression of Fractal Image
- Hybrid Clustering Technique based Segmentation of Brain Tumor
- The fusion of Image in Medical Field through SVD Combining & Transform of Shear-let
- Pixel-Level & Feature Level Comparison using Image Fusion Techniques
- Classification of Flower through Neural Network based Image Processing
- The fusion of Image in Medical Field using Joint Sparse Technique
- A fusion of Satellite Image with Quick Discrete Curvelet Transforms
- Lossless Compression Method for Image with Combination Techniques
- Screening of Retinal Disease using Local Binary Patterns
- Rice Grains Grading through Image Processing
- Rice Grains Quality Evaluation through Morphological Techniques
- Recognition of License Plate through Image Processing & MATLAB
- Recognition of Face Emotion in Real-Time using MATLAB
- Detection of Drowsy Driver in Real-Time with MATLAB
- Recognition of Handwriting with MATLAB & Image Processing
- MATLAB based Detection of Kidney Stone
- MATLAB based Verification of Signature
- Compression of Color Image using MATLAB
- MATLAB based Classification of Image Category
- MATLAB based Detection of Skin Cancer
- Marking System of Attendance using Image Processing & MATLAB
- Detection of Liver Tumor using MATLAB
- IRIS Segmentation using MATLAB Code
- Detection of Skin Disease using MATLAB
- Low-Cost Platform Design & Implementation for Diagnostic Imaging in Real-Time with MATLAB
- Biometric Sensing System with Unimodal & Multimodal with MATLAB
- MATLAB based Fix-point Aspect Analysis for Infrastructure Systems Wirelessly with MATLAB

- Mobile Phone Camera-based Light Communications with MATLAB
- Modelling of Perspective Distortion within Face Images & Library for Object Tracking with MATLAB
- Controlling of Intelligent Traffic Light with MATLAB & Image Processing
- Controlling of Pests in Agriculture Field with Image Processing & MATLAB
- CNN based Classification of Blood Cell
- Raspberry Pi based Endoscopy with Low Cost
- Detection of Skin Cancer
- Retinopathy of Diabetic with Deep Learning
- FPGA based Segmentation of Brain Tumor
- Image Fusion in Medical Field through FPGA
- Compression of Medical Image without Loss
- Detection of Glaucoma using Opencv & MATLAB
- Detection of Kidney Stones through Ultrasound
- Detection of Tuberculosis in X-Rays
- Detection of Breast Cancer through Deep Learning
- Matlab based Detection of Lung Nodule

List of image processing mini projects includes the following:

- Images Erosion & Dilation
- Mouse Project based on Computer Vision
- Parking System of Vehicle Automatically using Image Processing
- Text Scanner based on Computer Vision
- Human Act Identification through Image Processing
- Smart Selfie using Computer Vision
- Image Cartooning with Python
- Robot for Ball Tracking using Raspberry Pi
- Python-based Detection of Driver Sleepiness
- Image Processing based Controlling of Intelligent Traffic Light
- Designing of Hybrid Medium Filter Matlab code for 3D SPIHT
- Detection of Target
- Image Processing Application like Automated Inspection System Development
- Detection of Breast Cancer by Image Improvement Algorithm
- Face identification with Gabor Features using Matlab code
- Discrete Wavelet Transform (DWT) based on Lifting
- Image Compression for EZW (Embedded Zero Wavelet)
- Matlab Code for Haze Removal
- Image Fusion using Principal Component Analysis
- Classification and Counting of Automatic Vehicle
- Image Filtering based on Linear & Morphological
- Image Compression based on DCT and DWT
- Extraction of Brain Tumor using MRI Images
- Detection of Sleepy Driver using MATLAB
- Image Fusion using Curvelet & Wavelet
- Matlab code for Face Recognition using fisher faces
- Digital Watermarking

- Detection & Tracking of Moving Object using Scale-invariant Feature Transform
- Matlab Code for 3D DWT (3 Dimensional Discrete Wavelet Transform)
- Subtraction of Background using MATLAB
- Matlab code for Wavelet-Based Image Fusion
- Matlab Code for Image Restoration
- Matlab Code for Image Compression using SPIHT Algorithm
- Matlab code for Neuro-Fuzzy Based Image Fusion
- Matlab Code for Iris Segmentation
- Background estimation based on Mode algorithm
- Matlab code for Drowsy Driver Detection
- Matlab Code for Integer Wavelet Transform
- Matlab code for Embedded Zero Wavelet (EZW) Image Compression
- Image Compression using Run Length Encoding
- Matlab code for License Plate Recognition
- How to Extract Text from Images Using Matlab
- Region of Interest Based Image Compression
- Matlab code for Iris recognition
- Matlab code for Optical Character recognition
- Image Retrieval based on Segmentation
- Identification of License Plate
- Image Restoration using MATLAB
- Image Fusion based on Neuro-Fuzzy
- Segmentation of IRIS
- Mode algorithm based Estimation of Background
- Energy Efficient Wavelet-based on Retrieval of Medical Image
- Circles Detection in Images
- Bilinear Interpolation based Image Zooming
- Detection of Eye Ball
- Recognition of Currency with Image Processing
- Recognition of Optical Character
- Cancer Detection using Blood Sample of a Human and Microscopic Images

List of image processing projects based on Python includes the following

- Mixed Convolution & Residual Network-based Recognition of Eye
- IRIS Recognition Conceptual View through Image Processing Techniques
- Prediction of Hidden Fingerprint Value
- Neural Networks with Deep Convolution for Recognition of Human Action with Depth Maps & Postures
- LSB Method Development in Colored Images with Mask
- MSB Prediction based Technique for Reversible Data Hiding with High-Capacity for Encrypted Images
- Hiding the Information of an Efficient Quantum used for Medical Image Sharing Remotely
- Malaria Parasites Detection through Digital Image Processing

- Identification of Human from Freestyle Walks with Gait Feature based on Posture
- Reduction of Non-Linear Dimensionality for Image Classification based on Manifold Learning
- Classification of Animal through Facial Images with score-level fusion
- Sharing of Visual Secret Schemes by Encrypting Numerous Images
- Biometric Recognition System Design Software through Image Processing
- Detection of Smile in the Wild through Transfer Learning
- Palm Print Images Segmentation Aided by Computer for Biometric Research
- Identification System of Plant Leaf Disease
- Young Children Finger Print Identification
- Digital Dermatology
- Evaluating of Deep Convolution Neural Networks for Classification of Material
- Recognition of Facial Expression with 2D Gabor Filter