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**B-TECH-ECE-DSP/DIP MINI PROJECT LIST (2019-20)**

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| **S.No** |  **PROJECT TITLE** | **YEAR** |
|  | Compression of Encrypted Image using Wavelet Transform | IEEE |
|  | Gender Detection using Machine Learning Techniques and Delaunay Triangulation | IEEE |
|  | Content Based Image Retrieval: Classification Using Neural Networks | IEEE |
|  | Automatic Red Blood Cell Counting Using Hough Transform | IEEE |
|  | Image De-Blurring & De-Noising Using Wiener Filter & Anisotropic Diffusion For Natural Images | IEEE |
|  | QR Code with Colored Image | IEEE |
|  | Biometric Authentication by Dorsal Hand Vein Pattern | IEEE |
|  | An improved fog-removing method for the traffic monitoring image | IEEE |
|  | Image retrieval using both color and texture | IEEE |
|  | Image Classification By K-Means Clustering Synopsis. | IEEE |
|  | DWT-SVD based Dual Watermarking Scheme. | IEEE |
|  | Speech Watermarking (Audible) Using Dwt For Copyright Protection Process. | IEEE |
|  | Reversible Data Hiding Based on Histogram Modification of Pixel Differences. | IEEE |
|  | Image Encryption Using Bit plane Crypt Algorithm Abstract. | IEEE |
|  | Wavelet Based Palm Print Authentication System Synopsis. | IEEE |
|  | Adaptive Noise Cancellation for Speech Processing In Real Time Environment. | IEEE |
|  | Svd Based Blind Watermarking Algorithm Synopsis. | IEEE |
|  | Face Segmentation In Color Images And Video Sequences Synopsis. | IEEE |
|  | A Session based Multiple Image Hiding Technique using DWT and DCT. | IEEE |
|  | Development Of A Novel Voice Verification System Using Wavelets Synopsis. | IEEE |
|  | Image enhancement for improving face detection under non-uniform lighting conditions. | IEEE |
|  | Accurate Eye Location tracking system. | IEEE |
|  | Image Resolution Enhancement By Using Discrete And Stationary Wavelet Decomposition. | IEEE |
|  | Face Tracking In Real Time Videos Synopsis. | IEEE |
|  | Affine Transformation Resistant Watermarking Based on Image Normalization. | IEEE |
|  | Image Enhancement And Noise Removal Using Bilateral Filter. | IEEE |
|  | Warped Discrete Cosine Transform For Noisy Speech Enhancement. | IEEE |
|  | Skin Tone Steganography for Real Time Images. | IEEE |
|  | Adaptive Bilateral Filter for Sharpness Enhancement and Noise Removal. | IEEE |
|  | Video Enhancement Using Spatial Filtering. | IEEE |
|  | An Adaptive KLT Approach for Speech Enhancement. | IEEE |
|  | Image Compression Based On Gaussian Pyramids. | IEEE |
|  | A New Approach For Image Segmentation Using Pillar K-Means Algorithm. | IEEE |
|  | An Image Quality Assessment Metric Based Contour let. | IEEE |
|  | Color Coded Cryptography. | IEEE |
|  | Combined DCT and Companding For PAPR Reduction in OFDM Signals. | IEEE |
|  | Iris Recognition Using Cumulative Sum Based Change Analysis. | IEEE |
|  | Moving Target Detection Algorithm Based On The Dynamic Background Proposed method. | IEEE |
|  | Linear Companding Transform for the Reduction of Peak-to-Average Power Ratio of OFDM Signals. | IEEE |
|  | Adaptive wiener Filtering Approach For Speech Enhancement. | IEEE |
|  | Signal Denoising Using Integer Wavelet Transformation Synopsis. | IEEE |
|  | Advanced source coding technique for speech signals: A survey. | IEEE |
|  | A DWT based Approach for Steganography Using Biometrics. | IEEE |
|  | Performance Analysis of OFDM Using 4 PSK, 8 PSK And 16 PSK. | IEEE |
|  | Analyzing full system (PC) details with GUI in MATLAB. | IEEE |
|  | Stationary and Non-Stationary noise removal from Cardiac Signals Using CSLMS, NLMS, BLMS algorithms | IEEE |