

SI.No	Topics	Field
PSDIP 1	Removal of High Density Salt and Pepper Noise through Modified Decision Based Un-symmetric Trimmed Median Filter	Digital Camera Photoshop Application IEEE 2011
PSDIP 2	A New Adaptive Weight Algorithm for Salt and Pepper Noise Removal	
PSDIP 3	A Modified Weighted Based Filter for Removal of Random Impulse Noise (MWB)	
PSDIP 4	Fuzzy Based Random Impulse Noise Removal from Color Image Sequences	
PSDIP 5	Poisson Noise Removal from Images Using the Fast Discrete Curvelet Transform	
PSDIP 6	MDS-Based Multi resolution Nonlinear Dimensionality Reduction Model for Color Image Segmentation	
PSDIP 7	Combination of Discrete and Stationary Wavelet Decomposition for Image resolution enhancement for Photoshop Application	
PSDIP 8	Removal High density Salt & Pepper noise in quick transients or faulty switching images	Digital Camera Photoshop Application IEEE2010
PSDIP 9	Real-time Wavelet Threshold Noise Filtering design in DSP Processor	
PSDIP 10	Design a Multi-Channel CSF Filter to remove Additive White Gaussian Noise in Color Image	
PSDIP 11	Copy-Move Forgery Detection based on SVD in Digital Image	
PSDIP 12	High quality Image Recovery from dark region Images using Adaptive Filter Technique	
PSDIP 13	Fusion of Infrared & Visual Light Image using Wavelet Decomposition	
PSDIP 14	Block based Feature level Multi Focus Image Fusion in Photoshop Applications	
PSDIP 15	A New Method for Foggy Image Enhancement in Photoshop Application	
PSDIP 16	High Capacity Image Security through Obscurity in Wavelet Domain	
PSDIP 17	Discrete wavelet transform based satellite image resolution enhancement for research applications	Defense Satellite & Research Application IEEE 2011
PSDIP 18	Wavelet based enhanced fusion algorithm for multi sensor images in research applications	
PSDIP 19	Online Voting System Powered By Biometric Security Using Steganography	
PSDIP 20	A Novel Data hiding method based on Integer Wavelet Transform and Genetic Algorithm	
PSDIP 21	Wavelet Based Choosy Pixel Embedding Steganography for Defense Application	
PSDIP 22	Security Analysis on Spatial Steganography for JPEG Decompressed Images	
PSDIP 23	Data Hiding Scheme for Medical Images using Lossless Code for Mobile HIMS	
PSDIP 24	Secret Communication Through Audio For Defense Applications	
PSDIP 25	Skin Tone Based Secret Data Hiding In Images	
PSDIP 26	Hacking Trick In Secret Data Embedding For Military Applications	
PSDIP 27	Secret Data Transmission Through Human Speech Signal	
PSDIP 28	Contrast Based Adaptive Secret Communication In Digital Images	
PSDIP 29	Retinex Image Processing Based On Wavelet Transform	

PSDIP 30	A Novel Hybrid HVS Based Embedded Image Coding Algorithm Using DTT and SPIHT	Transmission Medical Application IEEE 2011
PSDIP 31	An Improved Image Compression Algorithm Using Binary Space Partition Scheme and Geometric Wavelets	
PSDIP 32	Probabilistic Neural Network for Brain Tumor Classification	
PSDIP 33	Automated Detection of White Matter Changes in Elderly People Using Fuzzy, Geo-statistical, and Information Combining Models	
PSDIP 34	Image Texture Classification using Artificial Neural network (ANN) for scene analysis Problems	
PSDIP 35	Segmentation of masses in digital mammograms using wavelet transform and neural network	
PSDIP 36	A new algorithm of automatic Lung parenchyma segmentation based on CT images	
PSDIP 37	White blood cells segmentation and extraction based on histogram multi-threshold and lifting wavelet transform	
PSDIP 38	Effective Compression in Digital Images with Entropy & Embedded Encoder(SPIHT)	Transmission Medical Application IEEE 2010
PSDIP 39	Intelligent Compression of Medical Images with Texture Information	
PSDIP 40	Design of 2D Difference SPIHT for Lossless Video Compression	
PSDIP 41	Artificial Neural Network with Back Propagation Algorithm for Image Compression Technique	
PSDIP 42	Combination of Wavelet and Curvelet based Image Fusion in Medical Research Applications	
PSDIP 43	Self Generating Neural Network Approach on Multi-Feature Clustering in Medical Image Processing	
PSDIP 44	Automatic Segmentation of Digital Images Applied in Cardiac Medical Images	
PSDIP 45	The Auto-segmentation Algorithm for Pulmonary Parenchyma of CT Image based on Linear Filtration	
PSDIP 46	Automatic Region Growing Method on Ultra Sound Images using GS map & Spatial Information	Surveillance Web Application IEEE 2011
PSDIP 47	People Counting and Human Detection in a Challenging Situation for visual surveillance Application	
PSDIP 48	Data Hiding in Motion Vectors of Compressed Video Based on Their Associated Prediction Error	
PSDIP 49	Motion and Feature Based Person Tracking In Surveillance Videos	
PSDIP 50	Number Plate Recognition for Use in Different Countries Using an Improved Segmentation	
PSDIP 51	Efficient Relevance Feedback for Content-Based Image Retrieval by Mining User Navigation	
PSDIP 52	A User-Oriented Image Retrieval System Based on Interactive Genetic Algorithm	
PSDIP 53	Content-Based Image Retrieval by Dual-Tree complex wavelet transform (DTCWT) for Web	
PSDIP 54	A Texture-Based Approach for Content Based Image Retrieval System for Plant Leaves Images	
PSDIP 55	A Blind Image-Adaptive Data Hiding Method in Wavelet Domain with Robustness against Compression	
PSDIP 56	Real Time Video Surveillance System	
PSDIP 57	Improved Video Compression for Indoor Video Surveillance Application	

PSDIP 58	Digital Image Authentication using Self Embedding Technique	Surveillance Web Application IEEE 2010
PSDIP 59	Design a New Image Retrieval System for Web Applications based on Color-Spatial Distribution	
PSDIP 60	A New Image Retrieval System in Frequency Domain	
PSDIP 61	Image Retrieval using Multi Feature similarity score using Genetic Algorithm	
PSDIP 62	Research Algorithm of Image Retrieval based on Multi Feature	
PSDIP 63	PCA based Feature Extraction using Overlay Blocks for Image Retrieval	
PSDIP 64	Image Retrieval using Multi Feature similarity score using Genetic Algorithm	Copyright digital camera Application IEEE 2011
PSDIP 65	Research Algorithm of Image Retrieval based on Multi Feature	
PSDIP 66	Image Retrieval using Multi Feature similarity score using Genetic Algorithm	
PSDIP 67	Research Algorithm of Image Retrieval based on Multi Feature	
PSDIP 68	Copyright Protection for Digital Images using Genetic Algorithm	Copyright Application IEEE 2010
PSDIP 69	Combination of SVD & Genetic Algorithm in Digital Image Watermarking	
PSDIP 70	An Authentication Algorithm of Audio in audio Transmission	
PSDIP 71	Lossless Visible Watermarking in Tele-Broadcasting	
PSDIP 72	Highly Robust Technique for Data Hiding in Compressed Medical Images	
PSDIP 73	Embedding the Ownership in Digital Image using Y Channel for Internet Applications	
PSDIP 74	Reversible Data Hiding in Complicated Medical Image Application	
PSDIP 75	Early Detection of Diabetic Retinopathy in Fungus Images	Medical Defense Applications IEEE2010
PSDIP 76	Pattern Similarity based Image Retrieval System for Medical Application	
PSDIP 77	Secured ECG Transmission through wireless network	
PSDIP 78	Image Segmentation based on effective Fuzzy C Means in Biomedical	
PSDIP 79	Blood Vessel Segmentation in Angiogram Images using Fuzzy Interference System	
PSDIP 80	Liver Segmentation in Medical Application using Region Growing Method	
PSDIP 81	Improving the Edge Information of Image based on wavelet coefficient contrast	
PSDIP 82	Medical Radiographs Compression using Neural Network & Haar Wavelet	
PSDIP 83	Noise cancellation on ECG & Heart rate signals with Un-decimated Wavelet Transform	
PSDIP 84	Region based Image Fusion in MRI Images	
PSDIP 85	Secret Data Communication in common channel using Integer Wavelet Transform	
PSDIP 86	A Fast Image Transmission in Satellite based on Embedded Encoder	Transmission Web Application IEEE 2009
PSDIP 87	Fast Transmission Video by using low complexity design Encoder	
PSDIP 88	Wavelet based Compression with ROI coding for Medical Images	
PSDIP 89	Selection of wavelet Filers for Panoramic Dental X-ray Image Compression	
PSDIP 90	Dual Watermarking for High Protective Copyright System in Web Application	

PSDIP 91	Color & Texture based Image Retrieval System	Digital Camera Satellite Application
PSDIP 92	Adaptive De-noising of CFA Images for Single Sensor Digital Cameras	
PSDIP 93	Removal 90% noise from digital Image in Digital Camera Application using K nearest neighbor Algorithm	
PSDIP 94	Multi-Scale Retinex Fusion in Multimedia Application	
PSDIP 95	Enhance the Luminance of Image using Retinex Image Processing	
PSDIP 96	Shadow Detection & Compensation in High Resolution Satellite Images	
PSDIP 97	Design a Nonlinear algorithm in Wavelet domain to Satellite Images	
PSDIP 98	JPEG2000 based Image Compression Algorithm for Remote Sensing Images	
PSDIP 99	Medical Radiograph Image Compression using Neural Network and Haar Wavelet	
PSDIP 100	Watermarking Scheme for Copyright Protection of Digital Images with JPEG Compression	Copyright Surveillance Application IEEE 2009
PSDIP 101	Digital Audio Watermarking in Web based Applications	
PSDIP 102	High Secured Copyright Protection for Digital Images using Two Level Transformation with Wavelet Packets	
PSDIP 103	A Fast method for Building & Updating background model in Intelligence Traffic Surveillance System	
PSDIP 104	Shadow removal of Foreground detection in Video Surveillance System	
PSDIP 105	Moving Pedestrian Detection in Video Surveillance system	Biometrics IEEE 2009
PSDIP 106	IRIS Recognition for High level Security Authentication using Concentric Circles	
PSDIP 107	IRIS Segmentation by Neural Network Approach	
PSDIP 108	Wavelet Analysis of Cyclic Human Gait Recognition in Biometrics	
PSDIP 109	Lossless Compression in Single Sensor Digital Cameras	Surveillance Application IEEE 2008
PSDIP 110	Automatic Detection of Red Eye Artifacts in Digital Color Photos	
PSDIP 111	Performance Analysis of Six type of Filters for Noise Removal	
PSDIP 112	An Improved Decision based Noise Removal in Cameras	
PSDIP 113	Visual Surveillance system based on Self Organizing Approach	Photoshop Application IEEE 2008
PSDIP 114	Enhancement of Color Images by Scaling the DCT Coefficients in NASA research applications	
PSDIP 115	Multi Focus Image Fusion using 2D Dual Tree Transform	
PSDIP 116	Region Filling after Object Removal from Digital Image in Photoshop Application	
PSDIP 117	Entropy model based Adaptive Enhancement for True color Images in Photoshop Application	Medical Application IEEE 2008
PSDIP 118	New Image Fusion Technique in Photoshop	
PSDIP 119	Automatic Detection of Hard Exudates in Diabetic Retinopathy using Fuzzy Logic	
PSDIP 120	Neural Network based Retinal Image Analysis	
PSDIP 121	Mammographic Image Enhancement & De-noising for Breast Cancer Detection	

PSDIP 122	Functional Transforms in Magnetic Resonance Image Segmentation	
PSDIP 123	Curvelet based Fusion in Medical Image Processing	
PSDIP 124	Modeling a CAN (Controller Area Network) Bus Communication System Based on MATLAB/SIMULINK	
PSDIP 125	Modeling an Anti-Lock Braking System (ABS) Using CAN Communications for Automotive Applications	Automotive Application
PSDIP 126	Design and Modeling an Automatic Transmission Controller for vehicles for automotive applications	
PSDIP 127	Design and Modeling a fuel control system for automotive applications.	
PSDIP 128	Design and Modeling Switching Controllers using MATLAB/SIMULINK and stateflow	
PSDIP 129	Modeling a Kinetic Energy Recovery System using MATLAB Simelectronics and SIMULINK	
PSDIP 130	Modeling an Intelligent Traffic control system using Matlab Simulink and Stateflow	Control System Application
PSDIP 131	Design and Modeling a Tank Level Controller using Matlab Simulink and Simevents	
PSDIP 132	Modeling a Distributed Video Processing in prototype using Matlab Simevents	
PSDIP 133	Modeling an Automatic Climate Control Systems using Matlab Simulink and stateflow	
PSDIP 134	Design and Modeling a CD Player/Radio using Matlab Simulink and Stateflow	Real time Application
PSDIP 135	Modeling a Remote supervisory Control system for Home Appliances using matlab Simulink and Stateflow.	
PSDIP 136	Modeling a Home Climate Control system Using Matlab stateflow/Truth-Table.	
PSDIP 137	Design and Modeling an Elevator System in Matlab Simulink and Stateflow	
PSDIP 138	PC-based prototyping of audio applications using model-based design	MATLAB Based Communication System Projects
PSDIP 139	Low-complexity localized Walsh decoding for CDMA systems	
PSDIP 140	Time-domain signal detection based on second-order statistics for MIMO-OFDM systems	
PSDIP 141	Blind channel estimation for MIMO-OFDM systems via non redundant linear pre coding	
PSDIP 142	Blind identification of MIMO channels in zero padding block transmission system	
PSDIP 143	Training signal design for estimation of correlated MIMO channels with colored interference	
PSDIP 144	Algorithms for Interpolation-Based QR Decomposition in MIMO-OFDM Systems	
PSDIP 145	An Improved DFT-based Channel Estimation Algorithm for MIMO-OFDM Systems	
PSDIP 146	Enhancing Communication System Efficiencies by Wavelet Implementation	
PSDIP 147	Power allocation in multiple-input multiple output orthogonal frequency division multiplexing-	

Hardware topics

PSDIP 148	Design an Automated Video Surveillance System with MMS on DSP Video Processor BF532 in Real Time	DSP Processor based Projects: (BlackFin and TMS320Cxx)
PSDIP 149	Implement an Algorithm to Remove High Density Salt & Pepper Noise in Remote Sensing Application using DSP Processor BF532/TMS320C5505	
PSDIP 150	Retinex Technology on DSP Processor BF532/TMS320C5505 for Remote Sensing Applications	
PSDIP 151	Secret Data Communication through DSP Processor BF532/TMS320C5505 for Defense Application	
PSDIP 152	Image Fusion Technology on DSP Processor BF532/TMS320C5505 for Medical Applications	
PSDIP 153	Design an Embedded codec on DSP Processor BF532/TMS320C5505 for Zigbee based Wireless Image Transmission	
PSDIP 154	Performance Analysis of Different Spatial Filters on DSP Processor BF532/TMS320C5505	
PSDIP 155	Implementation of Arithmetic Mean Filter on DSP Processor BF532/TMS320C5505	
PSDIP 156	Fast Image Transmission in Remote Sensing Applications using DSP Processor BF532/TMS320C5505	
PSDIP 157	Implementing Watermarking Technology on DSP Processor BF532/TMS320C5505	
PSDIP 158	Image Fusion Technology on DSP Processor BF532/TMS320C5505 for Remote Sensing Applications	
PSDIP 159	Design a Lossless Image Compression Codec on DSP Processor BF532/TMS320C5505	
PSDIP 160	Enhancement of Dark Images on DSP Processor BF532/TMS320C5505 in Remote Sensing Applications	
PSDIP 161	Design of different Transformation in DSP Processor BF532/TMS320C5505 for Wide Area Applications	
PSDIP 162	New Palm print Identification Using Sequential Modified Haar Wavelet Energy using DSP Processor BF532/TMS320C5505	
PSDIP 163	Biometric Inspired Human Recognition: Face Detection Using DSP Processor Directly Connected Camera	
PSDIP 164	Gesture Based UI Control Using Image Processing for Man machine Interface	
PSDIP 165	Biometric enabled E-Passport Card Using RFID for International Civil Aviation Organization	
PSDIP 166	Cancellation of Noise Disturbance in Mobile Phones designed for a Noise Polluted Environment	
PSDIP 167	A Real time Player Audio Effects Using Blackfin DSP Processor	
PSDIP 168	Automatic Time Keeper for Browsing System Facility using Pay Internet	
PSDIP 169	Implementation of Digital Image Steganography using ADSP BF532 Processor	
PSDIP 170	Landmine Detection and location finding system for mobile robot technology Using Matlab and PIC16f877a	
PSDIP 171	Steganography based voting system using MATLAB and Arm/Pic controllers	
PSDIP 172	Application of Biotelemetry for patient information system using Matlab and ARM/PIC Processors	

PSDIP 173	Image Retrieval for Real time searching Application	DIP With Embedded Technology : (PIC16877A & ARM)
PSDIP 174	People counting in Automatic teller Machines for surveillance Application using Matlab and PIC microcontroller	
PSDIP 175	Real time congestion finding in LIFT using Matlab and PIC microcontroller	
PSDIP 176	A New Approach for In-Vehicle Camera Road Sign Detection and Recognition using MATLAB and PIC Microcontrollers	
PSDIP 177	A novel Approach in Library management system using MATLAB	
PSDIP 178	ARM based Face Recognition and alarm System	
PSDIP 179	Automatic car parking video analytics system using License Plate Recognition	
PSDIP 180	A Number Plate Recognition system for different countries using an improved image segmentation	