

Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology			
		Course: Digital Image Processing	Semester: VII
		Research Paper Presentaion	
		ACADEMIC YEAR 2020-2021	
Roll_No	Name	Paper	Link
2017140001	Riya Bhagat	Feature Based Skin Disease Estimation Using Image Processing for Teledermatology	https://ieeexplore.ieee.org/document/8465487
2017140002	Vrinda Bhatu	Recent developments in the applications of image processing techniques for food quality evaluation	https://www.sciencedirect.com/science/article/abs/pii/S0924224403002711
2017140003	Aniket Brahmecha	Note to Coin Converter Using Digital Image Correlation Technique in Image Processing	https://www.irjet.net/archives/V5/i3/IRJET-V5I3420.pdf
2017140004	Sudhanshu Chavan		
2017140005	Vidhi Chhatbar	Vehicle Detection from Satellite Images in Digital Image Processing	http://www.ripublication.com/ijcir17/ijcirv13n5_04.pdf
2017140006	Harishankar Cranganoor	A Feature-based Fragile Watermarking for Tamper Detection using Voronoi Diagram Decomposition	https://www.academia.edu/43687630/A_Feature_based_Fragile_Watermarking_for_Tamper_Detection_using_Voronoi_Diagram_Decomposition
2017140007	Rahul Ramesh Dalvi	The Application of Image Processing and Pattern Recognition to the Analysis of the Microstructure Characteristics of Synthetic Minerals	https://ieeexplore.ieee.org/document/7816690
2017140009	Ayushi Desai	Image Processing System for Automatic Segmentation and Yield Prediction of Fruits using Open CV	https://ieeexplore.ieee.org/document/8455137
2017140010	Yashvi Desai	Defective Product Detection Using Image Processing	https://www.ijer.net/archive/v5i6/NOV164730.pdf
2017140011	Parth Dosani	Pedestrian flow counter using image processing	https://ieeexplore.ieee.org/document/8389782
2017140013	Jaynil Gaglani	A New Low-Light Image Enhancement Algorithm Using Camera Response Model	https://ieeexplore.ieee.org/document/8265567
2017140014	Yash Gandhi	Breast Cancer Diagnosis Using Image Processing and Machine Learning	https://link.springer.com/chapter/10.1007/978-981-13-7403-6_12
2017140015	Shubham Gogate	A Static Hand Gesture and Face Recognition System For Blind People	https://ieeexplore.ieee.org/document/8711706
2017140016	Mihir Gondhalekar		
2017140017	Shashank Gupta	Biometric security technology	https://www.researchgate.net/publication/3278329_Biometric_security_technology
2017140018	Mohd Jawwad	Image processing and face detection analysis on face verification based on the age stages	https://ieeexplore.ieee.org/document/6366070
2017140019	Aayush Kamath	A fast and improved Image Compression technique using Huffman Coding	https://ieeexplore.ieee.org/abstract/document/7566549
2017140020	Atul Kamble	Automatic Detection and Classification of Weaving Fabric Defects Based on Digital Image Processing	https://ieeexplore.ieee.org/document/8657318
2017140021	Shubham Kejriwal	Automated image processing method to quantify rotating detonation wave behavior	https://aip.scitation.org/doi/abs/10.1063/1.5067256
2017140022	Parth Kitawat	Classification of COVID-19 in chest X-ray images using DeTraC deep convolutional neural network	https://link.springer.com/article/10.1007/s10489-020-01829-7
2017140023	Minakshi Kudalkar	A Detailed Analysis of Optical Character Recognition Technology	https://www.researchgate.net/publication/311851325_A_Detailed_Analysis_of_Optical_Character_Recognition_Technology
2017140024	Dhawal Mali	Image Processing Techniques for Indoor and Outdoor Self Driving cars	https://arxiv.org/pdf/1812.02542.pdf
2017140025	Vedant Mathur	An Artificial Intelligence Method for Asphalt Pavement Pothole Detection Using Least Squares Support Vector Machine and Neural Network with Steerable Filter-Based Feature Extraction	https://www.hindawi.com/journals/ace/2018/7419058/
2017140026	Divya Mogaveera	Defect Detection in Pharma Pills Using Image Processing	https://www.researchgate.net/publication/326254689_Defect_Detection_in_Pharma_Pills_Using_Image_Processing
2017140027	Mohammad Izhan	Digital Image Processing Real Time Applications	http://www.ijesi.org/papers/NCIoT-2018/Volume-1/9_%2046-51.pdf
2017140028	Yash Muchhala	Joint Rain Detection and Removal from a Single Image with Contextualized Deep Networks	https://ieeexplore.ieee.org/document/8627954
2017140029	Gokul Nambiar	An optical image compression and encryption scheme based on compressive sensing and RSA algorithm	https://www.sciencedirect.com/science/article/abs/pii/S0143816618316415
2017140030	Bhumika Narwani	Particle shape analysis of coarse aggregate using digital image processing	https://www.sciencedirect.com/science/article/abs/pii/S0008884699001052
2017140031	Jatin Nawani	Indian Currency Recognition and Authentication using Image Processing	http://thegujaratresearchsociety.com/images/full_pdf/1577966279_j2.pdf
2017140032	Sai Nimkar	Defective Product Detection using Image Processing	https://www.semanticscholar.org/paper/Defective-Product-Detection-Using-Image-Processing-Chavan-Shinde/6541658b5ca8c5fb5811aed8b2a86c5929db8868
2017140033	Shubhankar Nistane	ROI based Medical Image Compression using DWT and SPIHT Algorithm	https://ieeexplore.ieee.org/document/8899545
2017140034	Mridul Pandey	Introducing a New Method Robust Against Crop Attack In Digital Image Watermarking Using Two-Step Sudoku	https://ieeexplore.ieee.org/document/7983054
2017140035	Tejas Paranjape	Image steganography using lsb technique	https://ieeexplore.ieee.org/abstract/document/8821917
2017140036	Vineet Pardhi	Digital Image Watermarking based on Sine Hyperbolic Transformation	https://ieeexplore.ieee.org/abstract/document/8869259
2017140037	Tirth Parekh	Vehicle Speed Estimation using extracted SURF features from Stereo Images	https://ieeexplore.ieee.org/document/8354040
2017140038	Sharvesh Patki	Multimodal Medical Image registration using Discrete Wavelet Transform and Gaussian Pyramids	https://arxiv.org/pdf/2009.05978.pdf
2017140039	Rajat Pattu		
2017140040	Vaibhav Pudke	Automatic video surveillance for pedestrians using digital image processing	https://ieeexplore.ieee.org/document/1456296

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Roll_No	Name	Paper	Link
2017140041	Saurabh Rane	A Fast Method for Cloud Removal and Image Restoration on Time Series of Multispectral Images	https://ieeexplore.ieee.org/document/8866920
2017140042	Kareena Redij	Underwater image processing using Hybrid Techniques	https://ieeexplore.ieee.org/document/8741468
2017140043	Manasvi Sagathiya	Restoration of Blur video using Blind Deconvolution Method	https://ieeexplore.ieee.org/abstract/document/8987256
2017140044	Bhavik Sanghvi	Language-based Colorization of Scene Sketches	https://dl.acm.org/doi/10.1145/3355089.3356561
2017140045	Viddhesh Sankhe	A Method for High Resolution Satellite Image Compression using Type-1 and Type-2 Fuzzy Sets	https://ieeexplore.ieee.org/document/8823423
2017140046	Janice Shah	An Atomic Technique For Removal Of Gaussian Noise From A Noisy Gray Scale Image Using LowPass-Convolved Gaussian Filter	https://ieeexplore.ieee.org/document/8862330
2017140047	Kewal Shah	Digital Image Restoration of Historical Devanagari Manuscripts	https://link.springer.com/chapter/10.1007/978-981-13-1135-2_43
2017140048	Kshitij Shah	Underwater Image Enhancement With a Deep Residual Framework	https://ieeexplore.ieee.org/abstract/document/8763933
2017140049	Naisha Shah	smart traffic control system using image processing	https://www.irjet.net/archives/V3/i3/IRJET-V3I3257.pdf
2017140050	Niti Shah	Edge Detection Using Simple Image Arithmetic	https://ieeexplore.ieee.org/document/8452858
2017140051	Harsh Shelar		https://ieeexplore.ieee.org/document/9163356
2017140052	Sahil Sheth	Removal of High Density Salt and Pepper Noise Through Modified Decision Based Unsymmetric Trimmed Median Filter	https://sci-hub.tw/10.1109/lsp.2011.2122333
2017140054	Aakash Singh	Finding the optical properties of plasmonic structures by image processing	https://www.nature.com/articles/s41378-019-0069-y
2017140055	Harshit Singhania	Application of image processing techniques in the characterization of plant leaves	https://ieeexplore.ieee.org/document/1267322
2017140057	Manas Sinkar	Single-Image Fence Removal Using Deep Convolutional Neural Network	https://ieeexplore.ieee.org/document/8933392
2017140058	Rahul Solanki	Personality Features Identification from Handwriting Using Convolutional Neural Networks	https://ieeexplore.ieee.org/document/9003855
2017140060	Parth Thosani	Cataract Detection using Digital Image Processing	https://ieeexplore.ieee.org/document/8978316
2017140061	Jaydeep Vaghasiya	Automatic Video Surveillance System for Pedestrian Crossing Using Digital Image Processing	https://www.researchgate.net/publication/330781235_Automatic_Video_Surveillance_System_for_Pedestrian_Crossing_Using_Digital_Image_Processing
2017140062	Sunit Vaidya	Deep-COVID: Predicting COVID-19 from chest X-ray images using deep transfer learning	https://www.sciencedirect.com/science/article/pii/S1361841520301584
2017140063	Kumail Virani	Image feature extraction for application of biometric identification of iris - a morphological approach	https://ieeexplore.ieee.org/abstract/document/1241035
2017140064	Sagar Waghela	Design and Development of Automatic Weed Detection and Smart Herbicide Sprayer Robot	https://scihub.wikion.top/https://ieeexplore.ieee.org/document/7488424
2017120019	Vinayak Iyer	Deep Joint Rain Detection and Removal from a Single Image	https://ieeexplore.ieee.org/document/8099666/
2018240065	Ansari Sana Fatima	An Image Authentication Scheme Using Magic Square	https://ieeexplore.ieee.org/abstract/document/5234866
2018240066	Yogesh Kamat	Image Processing Techniques To Recognize Facial Emotions	https://www.ijeat.org/wp-content/uploads/papers/v6i6/F5131086617.pdf
2018240068	Abhishek Mane	Variational Autoencoder Based Image Compression with Pyramidal Features and Context Entropy Model	https://openaccess.thecvf.com/content_CVPRW_2019/papers/CLIC%202019/Wen_Variational_Autoencoder_based_Image_Compression_with_Pyramidal_Features_and_Context_CVPRW_2019_paper.pdf
2018240069	Dikshita Patel	An Image Processing Application for Diagnosing Acute Lymphoblastic Leukemia (ALL)	https://www.researchgate.net/publication/332549962_An_Image_Processing_Application_for_Diagnosing_Acute_Lymphoblastic_Leukemia_ALL
2018240070	Shubham Phansekar	An Efficient Technique in digital image processing to detect Glaucoma	https://www.irjet.net/archives/V6/i10/IRJET-V6I10130.pdf
2018240071	Shruti Pimple	Grading Method of Leaf Spot Disease Based on Image Processing	https://ieeexplore.ieee.org/abstract/document/4723305
2018240072	Hemant Rathod		
2018240073	Nisarg shah	Various Document Image Mosaicing Method in Image processing : A Survey	https://ieeexplore.ieee.org/document/7058265
2018240074	Vrushali Shah	Research on Skin Cancer Cell Detection Using Image Processing	https://ieeexplore.ieee.org/document/8524554
2018240075	Atique Siddiqui	An Improved Histogram Equalization Technique for Image Contrast Enhancement	https://www.researchgate.net/publication/305421677_An_Improved_Histogram_Equalization_Technique_for_Image_Contrast_Enhancement
2018240076	Hemant Upadhyay		
2012140014	Mrigaj Garodia		
2016140003	Meet Bawankar	Identification of Brain Tumor using Image Processing Techniques	https://www.researchgate.net/publication/319623148_Identification_of_Brain_Tumor_using_Image_Processing_Techniques
2016340068	Jayesh Tiwari	Development of a new methodology for iris algorithm in biometric authentication using hamming distance concepts	https://ieeexplore.ieee.org/document/8390082