



2018 - 2019 MATLAB IMAGE PROCESSING IEEE FINAL YEAR Projects @ JP INFOTECH

S.N O	Project Code	IEEE 2018 MATLAB IMAGE PROCESSING Project Titles	Domain	Lang/Year
1	JPM1801	Efficient Rectification of Distorted Fingerprints	Image Processing (Biometrics)	MATLAB/2018
2	JPM1802	Latent Fingerprint Value Prediction: Crowd-Based Learning	Image Processing (Biometrics)	MATLAB/2018
3	JPM1803	Matching Contactless and Contact-Based Conventional Fingerprint Images for Biometrics Identification	Image Processing (Biometrics)	MATLAB/2018
4	JPM1804	PassBio: Privacy-Preserving User-Centric Biometric Authentication	Image Processing (Biometrics)	MATLAB/2018
5	JPM1805	Compositional Model-Based Sketch Generator in Facial Entertainment	Image Processing (Face Recognition)	MATLAB/2018
6	JPM1806	Local Robust Sparse Representation for Face Recognition With Single Sample per Person	Image Processing (Face Recognition)	MATLAB/2018
7	JPM1807	Topology Preserving Structural Matching for Automatic Partial Face Recognition	Image Processing (Face Recognition)	MATLAB/2018
8	JPM1808	Unsupervised Domain Adaptation for Face Anti-Spoofing	Image Processing (Face Recognition)	MATLAB/2018
9	JPM1809	Emotion recognition from facial expressions using hybrid feature descriptors	Image Processing (Facial Expression Recognition)	MATLAB/2018
10	JPM1810	Facial Expression Recognition in Video with Multiple Feature Fusion	Image Processing (Facial Expression Recognition)	MATLAB/2018
11	JPM1811	Automated Detection of White Blood Cells Cancer Diseases	Medical Image Processing	MATLAB/2018
12	JPM1812	Automatic Detection of Retinal Lesions for Screening of Diabetic Retinopathy	Medical Image Processing	MATLAB/2018
13	JPM1813	Color Retinal Image Enhancement Based on Luminosity and Contrast Adjustment	Medical Image Processing	MATLAB/2018
14	JPM1814	Convolutional Invasion and Expansion Networks for Tumor Growth	Medical Image	MATLAB/2018

		Prediction	Processing	
15	JPM1815	Guided filter-based images fusion algorithm for CT and MRI medical images	Medical Image Processing	MATLAB/2018
16	JPM1816	Hookworm Detection in Wireless Capsule Endoscopy Images with Deep Learning	Medical Image Processing	MATLAB/2018
17	JPM1817	Impact of ICA-Based Image Enhancement Technique on Retinal Blood Vessels Segmentation	Medical Image Processing	MATLAB/2018
18	JPM1818	In-Ear EEG Biometrics for Feasible and Readily Collectable Real-World Person Authentication	Medical Image Processing	MATLAB/2018
19	JPM1819	Liveness Detection and Automatic Template Updating using Fusion of ECG and Fingerprint	Medical Image Processing	MATLAB/2018
20	JPM1820	Robust retinal blood vessel segmentation using line detectors with multiple masks	Medical Image Processing	MATLAB/2018
21	JPM1821	Supervised Saliency Map Driven Segmentation of Lesions in Dermoscopic Images	Medical Image Processing	MATLAB/2018
22	JPM1822	A Robust Image Watermarking Technique With an Optimal DCT-Psychovisual Threshold	Image Processing (Image Watermarking)	MATLAB/2018
23	JPM1823	Secure and Robust Digital Image Watermarking Using Coefficient Differencing and Chaotic Encryption	Image Processing (Image Watermarking)	MATLAB/2018
24	JPM1824	Secure and Robust Fragile Watermarking Scheme for Medical Images	Image Processing (Image Watermarking)	MATLAB/2018
25	JPM1825	An Efficient MSB Prediction-Based Method for High-Capacity Reversible Data Hiding in Encrypted Images	Image Processing (Steganography)	MATLAB/2018
26	JPM1826	Colour image encryption algorithm using onetime key and FrFT	Image Processing (Steganography)	MATLAB/2018
27	JPM1827	New Framework of Reversible Data Hiding in Encrypted JPEG Bitstreams	Image Processing (Steganography)	MATLAB/2018
28	JPM1828	Bayes Saliency-Based Object Proposal Generator for Nighttime Traffic Images	Image Processing (Intelligent Transportation Systems)	MATLAB/2018

29	JPM1829	Joint Headlight Pairing and Vehicle Tracking by Weighted Set Packing in Nighttime Traffic Videos	Image Processing (Intelligent Transportation Systems)	MATLAB/2018
30	JPM1830	Real-time vehicle detection and counting in complex traffic scenes using background subtraction model with low-rank decomposition	Image Processing (Intelligent Transportation Systems)	MATLAB/2018
31	JPM1831	A New CNN-Based Method for Multi-Directional Car License Plate Detection	Image Processing (License Plate Detection)	MATLAB/2018
32	JPM1832	Efficient Scale-Adaptive License Plate Detection System	Image Processing (License Plate Detection)	MATLAB/2018
33	JPM1833	Improved license plate localisation algorithm based on morphological operations	Image Processing (License Plate Detection)	MATLAB/2018
34	JPM1834	Toward End-to-End Car License Plate Detection and Recognition With Deep Neural Networks	Image Processing (License Plate Detection)	MATLAB/2018
35	JPM1835	Accurate and Efficient Image Forgery Detection Using Lateral Chromatic Aberration	Image Forgery Detection	MATLAB/2018
36	JPM1836	Exploring Feature Coupling and Model Coupling for Image Source Identification	Image Processing	MATLAB/2018
37	JPM1837	Fake Colorized Image Detection	Image Processing	MATLAB/2018
38	JPM1838	Generalization of the Dark Channel Prior for Single Image Restoration	Image Processing	MATLAB/2018
39	JPM1839	Single-Image Super-Resolution Based on Rational Fractal Interpolation	Image Processing	MATLAB/2018
40	JPM1840	Visual Saliency Detection Using Spatiotemporal Decomposition	Image Processing	MATLAB/2018
41	JPM1841	Visual Secret Sharing Schemes Encrypting Multiple Images	Image Processing	MATLAB/2018
42	JPM1842	AIPNet: Image-to-Image Single Image Dehazing with Atmospheric Illumination Prior	Dehazing	MATLAB/2018
43	JPM1843	Single Image De-Hazing Using Globally Guided Image Filtering	Dehazing	MATLAB/2018

44	JPM1844	Convolutional Sparse and Low-Rank Coding-Based Image Decomposition	Image Decomposition	MATLAB/2018
45	JPM1845	A Framework for Outdoor RGB Image Enhancement and Dehazing	Image Enhancement	MATLAB/2018
46	JPM1846	Color Balance and Fusion for Underwater Image Enhancement	Image Enhancement	MATLAB/2018
47	JPM1847	Color Retinal Image Enhancement Based on Luminosity and Contrast Adjustment	Image Enhancement	MATLAB/2018
48	JPM1848	Learning a Deep Single Image Contrast Enhancer from Multi-Exposure Images	Image Enhancement	MATLAB/2018
49	JPM1849	Structure-Revealing Low-Light Image Enhancement via Robust Retinex Model	Image Enhancement	MATLAB/2018
50	JPM1850	X-ray Enhancement based on Component Attenuation, Contrast Adjustment, and Image Fusion	Image Enhancement	MATLAB/2018
51	JPM1851	Image Super-Resolution With Parametric Sparse Model Learning	AI	MATLAB/2018
52	JPM1852	Large Margin Learning in Set to Set Similarity Comparison for Person Re-identification	AI	MATLAB/2018
53	JPM1853	A Homotopy Iterative Hard Thresholding Algorithm With Extreme Learning Machine for Scene Recognition	MACHINE LEARNING	MATLAB/2018
54	JPM1854	Local and Global Feature Learning for Blind Quality Evaluation of Screen Content and Natural Scene Images	MACHINE LEARNING	MATLAB/2018
55	JPM1855	Robust Feature-Based Automated Multi-View Human Action Recognition System	MACHINE LEARNING	MATLAB/2018
56	JPM1856	Semi-Coupled Dictionary Learning With Relaxation Label Space Transformation for Video-Based Person Re-Identification	MACHINE LEARNING	MATLAB/2018
57	JPM1857	Data Hiding Scheme Based on Pixel-Value Differencing in Dual Images	Image Processing	MATLAB/2018

More titles will be updated soon. For updated titles and other details visit: www.jpinfotech.org or www.jpinfotech.blogspot.com

PROJECT SUPPORT TO REGISTERED STUDENTS:

- 1) IEEE Base paper.
- 2) Abstract Document.

- 3) Future Enhancement (based on Requirement).
- 4) Modified Title / Modified Abstract (based on Requirement).
- 5) Complete Source Code.
- 6) Final Report / Document

(Document consists of basic contents of about Abstract, Bibliography, Conclusion, Implementation, I/P & O/P Design, Introduction, Literature Survey, Organisation Profile, Screen Shots, Software Environment, System Analysis, System Design, System Specification, System Study, System Testing)

(The chapter System Design consists of 5 diagrams: Data Flow, Use Case, Sequence, Class, Activity Diagram)

- 7) Review PPTs and Documents.
- 8) How to Run execution help file.
- 9) International Conference / International Journal Publication / Impact Factor Journal/ UGC Journal / Scopus Journal (Based on Requirement).

OUR OTHER SALIENT FEATURES:

- Number 1 Project Master in Pondicherry/Puducherry.
- Guided more than 50,000 students.
- Successfully conducted more than 25 International Conferences in all over South India from 2013 to 2018.
- For the academic year **2018- 2019**, we have Signed MoU with Many Engineering Colleges in all over India to Conduct International Conferences in academic year 2018 – 2019, Where the Registered Students of JP INFOTECH, can easily publish their Project Papers.
- Published more than 5000 Research Articles of Our Ph.D./M.Phil/ME/M.Tech./BE/B.Tech. Students in Leading International Conferences and International Journals from 2013 to 2017.



- From the year **2013 to 2018**, we are Recognized and Awarded from the following colleges: “Paavai College of Engg”, “Arjun College of Technology”, “K.S.R. College of Engineering”, “Vetri Vinayaha College Of Engineering And Technology”, “SKR Engineering College”, “Sree Sastha Institute of Engineering and Technology”, “Jaya Engineering College”, “V.P.Muthaiah Pillai Meenakshi Ammal Engineering College for Women”, “Muthayammal Arts and Science College”, “Sri Raaja Raajan College of Engineering and Technology”, “Latha Mathavan Engineering College”, “Dr Pauls Engineering College”, “Jain College of Engineering”, “Manakula Vinayagar Institute of Technology”, “CK College of Engineering & Technology” etc.
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So don't wait any more!!! Join us and be a part of us. Walk-in to our Office OR E-mail us your requirements and Register your projects.



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