



JP INFOTECH

**2017 - 2018 MATLAB IMAGE PROCESSING IEEE FINAL YEAR Projects @ JP iNFOTECH**

S.N O	Project Code	IEEE 2017 MATLAB IMAGE PROCESSING Project Titles	Domain	Lang/Year
1	JPM1701	Deep Representation based feature extraction and recovering for Finger-vein verification	Image Processing (Biometrics)	MATLAB/2017
2	JPM1702	Study of Imposter Attacks on Novel Fingerprint Dynamics Based Verification System	Image Processing (Biometrics)	MATLAB/2017
3	JPM1703	Context-Aware Local Binary Feature Learning for Face Recognition	Image Processing (Face Recognition)	MATLAB/2017
4	JPM1704	Data-Dependent Label Distribution Learning for Age Estimation	Image Processing (Face Recognition)	MATLAB/2017
5	JPM1705	Face Anti-Spoofing using Speeded-Up Robust Features and Fisher Vector Encoding	Image Processing (Face Recognition)	MATLAB/2017
6	JPM1706	Facial Age Estimation with Age Difference	Image Processing (Face Recognition)	MATLAB/2017
7	JPM1707	Largest Matching Areas for Illumination and Occlusion Robust Face Recognition	Image Processing (Face Recognition)	MATLAB/2017
8	JPM1708	Learning Correspondence Structures for Person Re-identification	Image Processing (Face Recognition)	MATLAB/2017
9	JPM1709	Semi-Supervised Sparse Representation Based Classification for Face Recognition with Insufficient Labeled Samples	Image Processing (Face Recognition)	MATLAB/2017
10	JPM1710	Simultaneous Feature and Dictionary Learning for Image Set Based Face Recognition	Image Processing (Face Recognition)	MATLAB/2017
11	JPM1711	A Facial-Expression Monitoring System for Improved Healthcare in Smart Cities	Image Processing (Facial Expression Recognition)	MATLAB/2017
12	JPM1712	An emotion recognition system for mobile applications	Image Processing (Facial Expression Recognition)	MATLAB/2017
13	JPM1713	The Indian Spontaneous Expression Database for Emotion Recognition	Image Processing (Facial Expression Recognition)	MATLAB/2017

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14	JPM1714	Unconstrained Facial Beauty Prediction Based on Multi-scale <i>K</i> -Means	Image Processing (Facial Expression Recognition)	MATLAB/2017
15	JPM1715	Semi-Supervised Image-to-Video Adaptation for Video Action Recognition	Image Processing (Action Recognition)	MATLAB/2017
16	JPM1716	Soft Biometrics: Globally Coherent Solutions for Hair Segmentation and Style Recognition based on Hierarchical MRFs	Image Processing (Action Recognition)	MATLAB/2017
17	JPM1717	Automated Diagnosis of Glaucoma Using Empirical Wavelet Transform and Correntropy Features Extracted from Fundus Images	Medical Image Processing	MATLAB/2017
18	JPM1718	Neuron Segmentation with High-Level Biological Priors	Medical Image Processing	MATLAB/2017
19	JPM1719	Retinal Disease Screening through Local Binary Patterns	Medical Image Processing	MATLAB/2017
20	JPM1720	Defect Detection in SEM Images of Nanofibrous Materials	Medical Image Processing	MATLAB/2017
21	JPM1721	Fast Image Dehazing Method Based on Linear Transformation	Image Processing	MATLAB/2017
22	JPM1722	Fog Density Estimation and Image Defogging Based on Surrogate Modeling for Optical Depth	Image Processing	MATLAB/2017
23	JPM1723	Haze Removal using the Difference-Structure-Preservation Prior	Image Processing	MATLAB/2017
24	JPM1724	Single Image Rain Streak Decomposition Using Layer Priors	Image Processing	MATLAB/2017
25	JPM1725	A Hierarchical Approach for Rain or Snow Removing in A Single Color Image	Image Processing	MATLAB/2017
26	JPM1726	Contrast Enhancement Based on Intrinsic Image Decomposition	Image Processing	MATLAB/2017
27	JPM1727	Cartoon and Texture Decomposition based Color Transfer for Fabric Images	Image Processing	MATLAB/2017
28	JPM1728	Optimized Multioperator Image Retargeting Based on Perceptual Similarity Measure	Image Processing	MATLAB/2017
29	JPM1729	Perceptual Image Fusion using Wavelets	Image Processing	MATLAB/2017
30	JPM1730	A Cognitively Motivated Method for Classification of Occluded Traffic Signs	Image Processing (Intelligent Transportation Systems)	MATLAB/2017

31	JPM1731	Automatic Detection of Red Light Running Using Vehicular Cameras	Image Processing (Intelligent Transportation Systems)	MATLAB/2017
32	JPM1732	Counting vehicles in urban traffic scenes using foreground time-spatial images	Image Processing (Intelligent Transportation Systems)	MATLAB/2017
33	JPM1733	Enhancing Automatic Maritime Surveillance Systems With Visual Information	Image Processing (Intelligent Transportation Systems)	MATLAB/2017
34	JPM1734	Nighttime Vehicle Detection Based on Bio-Inspired Image Enhancement and Weighted Score-Level Feature Fusion	Image Processing (Intelligent Transportation Systems)	MATLAB/2017
35	JPM1735	Towards Detection of Bus Driver Fatigue Based on Robust Visual Analysis of Eye State	Image Processing (Intelligent Transportation Systems)	MATLAB/2017
36	JPM1736	A Practical Animal Detection and Collision Avoidance System Using Computer Vision Technique	Image Processing (Intelligent Transportation Systems)	MATLAB/2017
37	JPM1737	A Robust and Efficient Approach to License Plate Detection	Image Processing (License Plate Detection)	MATLAB/2017
38	JPM1738	Accurate Detection and Recognition of Dirty Vehicle Plate Numbers for High-Speed Applications	Image Processing (License Plate Detection)	MATLAB/2017
39	JPM1739	Segmentation- and Annotation-Free License Plate Recognition With Deep Localization and Failure Identification	Image Processing (License Plate Detection)	MATLAB/2017
40	JPM1740	A Novel Data Hiding Algorithm for High Dynamic Range Images	Image Processing (Steganography & Watermarking)	MATLAB/2017
41	JPM1741	Steganography with Multiple JPEG Images of the Same Scene	Image Processing (Steganography & Watermarking)	MATLAB/2017
42	JPM1742	Chaos-based fast colour image encryption scheme with true random number keys from environmental noise	Image Processing (Steganography & Watermarking)	MATLAB/2017
43	JPM1743	Features Classification Forest: A Novel Development that is Adaptable to Robust Blind Watermarking Techniques	Image Processing (Steganography &	MATLAB/2017

			Watermarking)	
44	JPM1744	Fractional Krawtchouk transform with an application to image watermarking	Image Processing (Steganography & Watermarking)	MATLAB/2017
45	JPM1745	An Image-Based Approach to Detection of Fake Coins	Image Processing (Forensic Detection)	MATLAB/2017
46	JPM1746	Splicing Image Forgery Detection Using Textural Features Based on the Gray Level Co-occurrence Matrices	Image Processing (Forensic Detection)	MATLAB/2017
47	JPM1747	Affine Non-local Means Image Denoising	Image Processing (Image Denoising/Deblurring)	MATLAB/2017
48	JPM1748	Beyond a Gaussian Denoiser: Residual Learning of Deep CNN for Image Denoising	Image Processing (Image Denoising/Deblurring)	MATLAB/2017
49	JPM1749	Structure-based Low-Rank Model with Graph Nuclear Norm Regularization for Noise Removal	Image Processing (Image Denoising/Deblurring)	MATLAB/2017
50	JPM1750	L0-Regularized Intensity and Gradient Prior for Deblurring Text Images and Beyond	Image Processing (Image Denoising/Deblurring)	MATLAB/2017
51	JPM1751	An Adaptive Background Modeling Method for Foreground Segmentation	Image Processing (Image Segmentation)	MATLAB/2017
52	JPM1752	Color-Based Segmentation of Sky/Cloud Images From Ground-Based Cameras	Image Processing (Image Segmentation)	MATLAB/2017
53	JPM1753	Detecting morphological filtering of binary images	Image Processing (Image Segmentation)	MATLAB/2017
54	JPM1754	Learning Spatio-Temporal Information for Multi-Object Tracking	Image Processing (Image Segmentation)	MATLAB/2017
55	JPM1755	Weak Classifier for Density Estimation in Eye Localization and Tracking	Image Processing (Image Segmentation)	MATLAB/2017
56	JPM1756	Coarse-to-Fine Learning for Single-Image Super-Resolution	Image Processing (Super-Resolution)	MATLAB/2017
57	JPM1757	Single Image Super-Resolution via Adaptive Transform-Based Nonlocal Self-Similarity Modeling and Learning-Based Gradient Regularization	Image Processing (Super-Resolution)	MATLAB/2017



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58	JPM1758	SRLSP: A Face Image Super-Resolution Algorithm Using Smooth Regression with Local Structure Prior	Image Processing (Super-Resolution)	MATLAB/2017
59	JPM1759	Discriminative Multi-view Interactive Image Re-ranking	Image Processing (CBIR)	MATLAB/2017
60	JPM1760	Neighborhood Matching For Image Retrieval	Image Processing (CBIR)	MATLAB/2017
61	JPM1761	Words Matter: Scene Text for Image Classification and Retrieval	Image Processing (CBIR)	MATLAB/2017
62	JPM1762	Effective Denoising and Classification of Hyperspectral Images Using Curvelet Transform and Singular Spectrum Analysis	Image Processing (Hyperspectral Images)	MATLAB/2017
63	JPM1763	Hierarchical Guidance Filtering-Based Ensemble Classification for Hyperspectral Images	Image Processing (Hyperspectral Images)	MATLAB/2017
64	JPM1764	Higher Order Dynamic Conditional Random Fields Ensemble for Crop Type Classification in Radar Images	Image Processing (Hyperspectral Images)	MATLAB/2017
65	JPM1765	Automatic Detection of 3D Quality Defects in Stereoscopic Videos Using Binocular Disparity	Image Processing (Video Processing)	MATLAB/2017
66	JPM17666	Salient object detection with spatiotemporal background priors for video	Image Processing (Video Processing)	MATLAB/2017
67	JPM1767	Toward Storytelling From Visual Lifelogging: An Overview	Image Processing (Video Processing)	MATLAB/2017
<b>More titles will be updated soon. For updated titles and other details visit: <a href="http://www.jpinfotech.org">www.jpinfotech.org</a> or <a href="http://www.jpinfotech.blogspot.com">www.jpinfotech.blogspot.com</a></b>				

### 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).

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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) MATLAB Software Package (MATLAB, How to install help file).

10) International Conference / International Journal Publication based on your project.

#### **OUR OTHER SALIENT FEATURES:**

- Number 1 Project Master in Pondicherry/Puducherry & Chennai.
- Guided more than 30,000 students.
- Successfully conducted more than 25 International Conferences in all over South India from 2013 to 2017.
- For the academic year **2017- 2018**, we have Signed MoU with Many Engineering Colleges in all over India to Conduct International Conferences in academic year 2017 – 2018, Where the Registered Students of JP INFOTECH, can easily publish their Project Papers.
- Published more than 3000 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 2017**, 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

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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.

- Recognized and published article about JP INFOTECH and its director in “THE HINDU”, “DINAKARAN” and many more newspapers and Media.
- Leaders with more than 8+ years of experience
- We assist and guarantee you to publish a paper on your project in INTERNATIONAL JOURNAL PUBLICATIONS / INTERNATIONAL CONFERENCE PUBLICATIONS.
- We provide REVIEW DOCUMENTS AND PPTS for each review
- NO FALSE PROMISES
- 100% Assurance for Project Execution
- 100% LIVE EXPLANATION
- VALID TRAINEE CERTIFICATION (ISO Certification)
- 100% PLACEMENT SUPPORT
- Own Projects are also welcomed.

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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