




Embedded Projects
MATLAB Projects
VLSI Projects
EEE Parojects
Java Projects
.Net Projects
NS2 Projects
Android Projects
PHP Projects
Python Projects
Ph.d Assistance
Paper Publishing
International Journals
UGC Approved Journals
Scopus Indexed Journals
SCI & SCIE Indexed Journals
Elsevier & Springer Journals



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 [takeoff edu](https://www.youtube.com/channel/UC...)

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2018-19 MATLAB B.TECH TITLES

S.No	TITLES	DOMAIN
	DIGITAL IMAGE PROCESSING	
1	Image Haze Removal via Reference Retrieval and Scene Prior	IMAGE PROCESSING
2	Segmentation of Optic Disc from Fundus images	IMAGE PROCESSING
3	Active Contour Segmentation of Polyps in Capsule Endoscopic Images	IMAGE PROCESSING
4	Co-Saliency Detection for RGBD Images Based on Multi-Constraint Feature Matching and Cross Label Propagation.	IMAGE PROCESSING
5	Brain Tumors Classification from MR images using a Neural Network and the Central Moments.	IMAGE PROCESSING
6	A Region-Wised Medium Transmission Based Image Dehazing Method.	IMAGE PROCESSING
7	A Fusion Framework for Camouflaged Moving Foreground Detection in the Wavelet Domain.	IMAGE PROCESSING
8	Single-Image Super-Resolution Based on Rational Fractal Interpolation.	IMAGE PROCESSING
9	Skin Segmentation based on Improved Thresholding Method	IMAGE PROCESSING

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10	Superpixel Hierarchy Blurriness-guided Unsharp Masking	IMAGE PROCESSING
11	Single image dehazing using local linear fusion.	IMAGE PROCESSING
12	Simultaneously Discovering and Localizing Common Objects in Wild Images.	IMAGE PROCESSING
13	A Gabor Feature-based Quality Assessment Model for the Screen Content Images.	IMAGE PROCESSING
14	A Framework for Outdoor RGB Image Enhancement and Dehazing.	IMAGE PROCESSING
15	Image Dehazing Method by Fusing Weighted Near-Infrared Image.	IMAGE PROCESSING
16	Using multilayer random walker for image segmentation.	IMAGE PROCESSING
17	Automated Dental Image Analysis by Deep Learning on Small Dataset.	IMAGE PROCESSING
18	Towards Optimal Denoising of Image Contrast	IMAGE PROCESSING
19	Optimization of Object – Based Image Segmentation in Classifying Water Region	IMAGE PROCESSING
20	Performance Comparison and Analysis of Medical Image Segmentation Techniques	IMAGE PROCESSING
21	A Cascaded Convolutional Neural Network for Single Image Dehazing	IMAGE PROCESSING
22	An Accurate Multi-Row Panorama Generation Using Multi-Point Joint Stitching	IMAGE PROCESSING

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23	A Trilateral Weighted Sparse Coding Scheme for Real-World Image Denoising	IMAGE PROCESSING
24	SCOM: Spatiotemporal Constrained Optimization for Salient Object Detection	IMAGE ROCESSING
25	Robust Online Matrix Factorization for Dynamic Background Subtraction	IMAGE PROCESSING
26	FFDNet: Toward a Fast and Flexible Solution for CNN based Image Denoising	IMAGE PROCESSING
27	Learning a Patch Quality Comparator for Single Image Dehazing	IMAGE PROCESSING
28	A Naturalness Preserved Fast Dehazing Algorithm Using HSV Color Space	IMAGE PROCESSING
29	Learning a Single Convolutional Super-Resolution Network for Multiple Degradations	IMAGE PROCESSING
30	A Hybrid L ₁ -L ₀ Layer Decomposition Model for Tone Mapping	IMAGE PROCESSING
31	Performance Comparison and Analysis of Medical Image Segmentation Techniques	IMAGE PROCESSING
32	An adaptive patch prior for single image blind deblurring	IMAGE PROCESSING
33	Graph-Based Blind Image Deblurring From a Single Photograph	IMAGE PROCESSING
34	Image Restoration based on Weighted Average of Multiple Blurred and Noisy Images	IMAGE PROCESSING
35	Improve Image De-blurring	IMAGE PROCESSING
36	Reconstruction of Single Image from Multiple Blurry Measured Images	IMAGE PROCESSING

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37	Denoising of Hyperspectral Images Based on Principal Component Analysis and Adaptive Sparse Coding	IMAGE PROCESSING
38	Image Denoising Method by Endorsement of Neighborhood Pixels	IMAGE PROCESSING
39	Approximate DCT Image Compression using Inexact Computing	IMAGE PROCESSING
40	Color Image Coding Based on Block Truncation Coding Using Quadtree Segmentation	IMAGE PROCESSING
41	Enhancement of DCT-based Image Compression using Trigonometric Functions	IMAGE PROCESSING
42	Real-time Video Enhancement Using Graphical Processing Units	IMAGE PROCESSING
43	Dual Auto encoder Network for Retinex-based Low-Light Image Enhancement	IMAGE PROCESSING
44	An Improved Palmprint Image Recognition Algorithm Via Image Restoration	IMAGE PROCESSING
45	Automatic Vehicle License Plate Recognition System based on Image Processing and Template Matching Approach	IMAGE PROCESSING
46	Implementation of Human Action Recognition using Image Parsing Techniques	IMAGE PROCESSING
47	Multiscale Image Segmentation using Normalized Cuts in Image Recognition on Satellite Images	IMAGE PROCESSING
48	Region Based Adaptive Binarization for Optical Character Recognition Purposes	IMAGE PROCESSING
49	A Blind Watermarking Technique using Redundant Wavelet Transform for Copyright Protection	IMAGE PROCESSING
50	A Robust Image Watermarking Technique with an Optimal DCT-Psychovisual Threshold	IMAGE PROCESSING

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COMMUNICATION		
1	Energy-Efficient D2D Communication Based Retransmission Scheme for Reliable Multicast in Wireless Cellular Network	COMMUNICATION
2	Resource Allocation for Multiple Device-to-Device Cluster Multicast Communications Underlay Cellular Networks	COMMUNICATION
3	Arena Function: A Framework for Computing Capacity Bounds in Wireless Networks	COMMUNICATION
4	Spectrum Efficient MIMO-FBMC System using Filter Output Truncation	COMMUNICATION
5	A New Filter-Bank Multicarrier System: The Linearly Processed FBMC System	COMMUNICATION
6	Capacity of Wireless Networks with Directed Energy Links in the Presence of Obstacles	COMMUNICATION
7	Advanced Blanking Nonlinearity for Mitigating Impulsive Interference in OFDM Systems	COMMUNICATION
8	Joint Optimization of Spectrum Sensing and Transmit Power in Energy Harvesting-based Cognitive Radio Networks	COMMUNICATION
9	Throughput Maximization for Multi-Hop Decode-and-Forward Relay Network With Wireless Energy Harvesting	COMMUNICATION
10	Spectrum Sensing: Enhanced Energy Detection Technique Based on Noise Measurement	COMMUNICATION
11	A Random Access Protocol for Pilot Allocation in Crowded Massive MIMO Systems	COMMUNICATION
SIGNAL PROCESSING		

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1	A Novel R Peak Detection Method For Mobile Environments	SIGNAL PROCESSING
2	Deep Factorization For Speech Signal	SIGNAL PROCESSING
3	A Real-Time Qrs Complex Detector Based On Discrete Wavelet Transform And Adaptive Threshold	SIGNAL PROCESSING
4	Real Time Super Resolution Using Non-Linear Signal Processing	SIGNAL PROCESSING
5	Fast Randomization For Distributed Low-Bitrate Coding Of Speech And Audio	SIGNAL PROCESSING
6	Fast Qrs Detection And ECG Compression Based On Signal Structural Analysis	SIGNAL PROCESSING
7	Wavelet Transform And Signal Denoising Using Wavelet Method	SIGNAL PROCESSING
8	High Sensitivity Experimental Qrs Detector	SIGNAL PROCESSING
9	A Wavelet-Nlms Algorithm Implemented In Fbss For Acoustic Noise Reduction And Speech Enhancement	SIGNAL PROCESSING
10	Damped Dreamlet Representation For Exploration Seismic Data Interpolation And Denoising	SIGNAL PROCESSING
11	Using Visual Speech Information In Masking Methods For Audio Speaker Separation	SIGNAL PROCESSING
12	New Adaptive Thresholding -Based ECG R-Peak Detection Technique	SIGNAL PROCESSING
13	Infant Cry Signal Detection, Pattern Extraction And Recognition	SIGNAL PROCESSING

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14	Speech Processing Algorithm For Isolated Words Recognition	SIGNAL PROCESSING
15	Real Time Super Resolution Using Non-Linear Signal Processing	SIGNAL PROCESSING

PROJECT SUPPORTS FOR STUDENTS:

- ❖ PROJECTABSTRACT
- ❖ PROJECT IEEE BASE PAPER/ REFERENCEPAPER
- ❖ PROJECTPRESENTATIONINPPTFORMAT
- ❖ PROJECTREVIEWASSISTANCEFORVIVA
- ❖ PROJECTDIAGRAMS
- ❖ PROJECT SOURCECODE
- ❖ PROJECTREPORT
- ❖ PROJECT SCREENSHOTS
- ❖ PROJECTDEMO
- ❖ PROJECTEXPLANATION
- ❖ PLAGARISMDOCUMENTATION
- ❖ INTERNATIONAL JOURNAL/CONFERENCEPUBLISHING
- ❖ PROJECT ACCEPTANCELETTER
- ❖ PROJECT COMPLETIONCERTIFICATE

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