



takeoffedu™
G R O U P

OUR CULTURE | OUR COMMITMENT
(A Division of Youngminds technology Solutions (P).Ltd)

TAKEOFF PROJECTS

Embedded Projects
VLSI Projects
EEE Projects
MATLAB Projects
School Projects



Java Projects
.Net Projects
NS2 Projects
Android Projects
PHP Projects



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2016-2017 M.Tech IMAGE PROCESSING IEEE TITLES

S.No	TITLE	DOMAIN
1	CPA-SLAM: consistent plane-model alignment for direct RGB-d slam	IMAGE PROCESSING
2	A local structure and direction-aware optimization approach for three-dimensional tree modeling	IMAGE PROCESSING
3	A smartphone app framework for segmented cancer care coordination	IMAGE PROCESSING
4	Association between tumor heterogeneity and overall survival in patients with non-small cell lung cancer	IMAGE PROCESSING
5	Automatic brain tumor tissue detection based on hierarchical centroid shape descriptor in t1-weighted MRI images.	IMAGE PROCESSING
6	Automatic hookworm detection in wireless capsule endoscopy images	IMAGE PROCESSING
7	Locality sensitive deep learning for detection and Classification of nuclei in routine colon cancer Histology images	IMAGE PROCESSING
8	MLP neural network classifier for medical image segmentation	IMAGE PROCESSING
9	Nonparametric joint shape and feature priors for segmentation of Dendritic spines	IMAGE PROCESSING
10	Pulmonary fissure detection in ct images using a Derivative of stick filter	IMAGE PROCESSING
11	Segmenting overlapping cervical cell in pap smear images	IMAGE PROCESSING
12	Tumour ROI estimation in ultrasound images via radon barcodes	IMAGE PROCESSING

13	Lung cancer survival prediction from pathological images and Genetic data - an integration study	IMAGE PROCESSING
14	Combining inertial measurements with blind Image deblurring using distance transform	IMAGE PROCESSING
15	LBP-based segmentation of defocus blur	IMAGE PROCESSING
16	A fast method of fog and haze removal	IMAGE PROCESSING
17	A largest matching area approach to image denoising	IMAGE PROCESSING
18	An enhanced denoising technique using dual tree complex wavelet transform	IMAGE PROCESSING
19	Analysis of adaptive filter and ICA for noise Cancellation from a video frame	IMAGE PROCESSING
20	Learning joint demosaicing and denoising based on Sequential energy minimization	IMAGE PROCESSING
21	sequence-to-sequence similarity-based filter for image denoising	IMAGE PROCESSING
22	Tensor decomposition and PCA jointed algorithm For hyperspectral image denoising	IMAGE PROCESSING
23	A novel lip descriptor for audio-visual keyword Spotting based on adaptive decision fusion	IMAGE PROCESSING
24	A novel MRF-based multi feature fusion for Classification of remote sensing images	IMAGE PROCESSING
25	continuously adaptive data fusion and model re-learning for particle filter tracking with multiple features	IMAGE PROCESSING

26	Dwt based medical image fusion with maximum Local extreme	IMAGE PROCESSING
27	Fusion of depth ,skeleton ,and inertial data for human action recognition	IMAGE PROCESSING
28	Saliency detection for stereoscopic images based on Depth confidence analysis and multiple cues fusion	IMAGE PROCESSING
29	Score reliability based weighting technique for score-level fusion in Multi-biometric systems	IMAGE PROCESSING
30	Applications for no driven image quality assessment	IMAGE PROCESSING
31	Backward registration based Aspect ratio similarity (ARS) For image retargeting quality assessment	IMAGE PROCESSING
32	Binocular responses for no-reference 3d image Quality assessment	IMAGE PROCESSING
33	Blind image quality assessment based on Multi-channel features fusion and label transfer	IMAGE PROCESSING
34	Learning receptive fields and quality lookups for Blind quality assessment of stereoscopic images	IMAGE PROCESSING
35	Multi-label dictionary learning for image Annotation	IMAGE PROCESSING
36	No-reference quality assessment for Multiply-distorted images in gradient domain	IMAGE PROCESSING
37	Towards a no-reference image quality assessment Using statistics of perceptual color descriptors	IMAGE PROCESSING
38	Accelerometer-based hand gesture recognition by Neural network and similarity matching	IMAGE PROCESSING

39	Single sample face recognition	IMAGE PROCESSING
40	Spatio-temporal matching for Human pose estimation in video	IMAGE PROCESSING
41	A new digital face makeup method	IMAGE PROCESSING
42	Constrained statistical modelling of knee flexion From multi-pose magnetic resonance imaging	IMAGE PROCESSING
43	Nodal sampling: a new image reconstruction Algorithm for smos.	IMAGE PROCESSING
44	Theoretical analysis of penalized Maximum-likelihood parametric image Reconstruction in dynamic pet for lesion detection	IMAGE PROCESSING
45	Tiled-block image reconstruction by wavelet-Based, parallel filtered back-projection	IMAGE PROCESSING
46	A three-layered graph-based learning approach For remote sensing image retrieval	IMAGE PROCESSING
47	A combined approach based on fuzzy classification and contextual region Growing to image segmentation	IMAGE PROCESSING
48	Cell segmentation in digital holographic images	IMAGE PROCESSING
49	Image segmentation using parametric contours With free endpoints	IMAGE PROCESSING
50	Indexing ensembles of exemplar-SVMS with Rejecting taxonomies	IMAGE PROCESSING
51	An effective foreground detection approach using a block-based background Modeling	IMAGE PROCESSING

52	Difference image and fuzzy c-means for detection Of retinal vessels	IMAGE PROCESSING
53	Multi-view object extraction With fractional boundaries	IMAGE PROCESSING
54	Gender classification from the same iris code Used for recognition	IMAGE PROCESSING
55	Human activity recognition based on spatial distribution of gradients at sub-levels of average energy silhouette images	IMAGE PROCESSING
56	Named entity recognition from unstructured handwritten document images	IMAGE PROCESSING
57	Image enhancement in ultrasound imaging	IMAGE PROCESSING
58	Finger vein biometric: Smartphone footprint prototype with vein map Extraction using computational imaging techniques	IMAGE PROCESSING
59	Fingerprint liveness detection using convolution Neural networks	IMAGE PROCESSING
60	Incorporating skin color for improved face Detection and tracking system	IMAGE PROCESSING
61	Palm print as a Smartphone biometric	IMAGE PROCESSING
62	Reversible data hiding in encrypted images based on progressive recovery	IMAGE PROCESSING
63	Robust fingertip detection in a complex environment	IMAGE PROCESSING
64	Learning a combined model of visual Saliency for fixation prediction	IMAGE PROCESSING

2016-2017 M.TECH SIGNAL PROCESSING IEEE TITLES

S.NO	TITLES	DOMAIN
1.	An Adaptive Fixed -point IVA Algorithm Applied to Multisubject Complex Valued FMRIdata	SIGNAL PROCESSING
2.	An Angular Parameter Estimation Method forIncoherently Distributed Sources via Generalized Shift Invariance	SIGNAL PROCESSING
3.	Efficient and Robust RFI Extraction Via Sparse Recovery	SIGNAL PROCESSING
4.	Explicit State-Estimation Error Calculations for Flag Hidden Markov Models	SIGNAL PROCESSING
5.	Flexible Multi-layer Sparse Approximations of Matrices and Applications	SIGNAL PROCESSING
6.	Graph Signal Denoising via Trilateral Filter onGraph Spectral Domain	SIGNAL PROCESSING
7.	Investigating Ultraharmonic Modeling from Ultrasound Echo Signal with SISO Volterra Filter	SIGNAL PROCESSING
8.	Iterative Methods for Subspace and TDOA Estimation in Non uniform Noise	SIGNAL PROCESSING
9.	Japanese Janken Recognition by Support VectorMachine Based on Electromyogram	SIGNAL PROCESSING

10.	New Sparse-Promoting Prior for the Estimation of aRadar Scene with Weak and Strong Targets	SIGNAL PROCESSING
11.	Online Censoring for Large-Scale Regressions with Application to Streaming Big Data	SIGNAL PROCESSING
12.	Semi definite Programming for Computable Performance Bounds on Block-Sparsity Recovery	SIGNAL PROCESSING
13.	Generalized Correntropy for Robust Adaptive Filtering	SIGNAL PROCESSING
14.	Super Nested Arrays: Linear Sparse Arrays with Reduced Mutual Coupling – Part I: Fundamentals	SIGNAL PROCESSING
15.	Robust Convex Approximation Methods for TDOA-Based Localization under NLOS Conditions	SIGNAL PROCESSING
16.	Sub graph-based filter banks for graph signals	SIGNAL PROCESSING

2016-2017 M.Tech COMMUNICATION IEEE TITLES

S.NO	TITLES	DOMAIN
1.	A General MIMO Framework for NOMA Downlink and Uplink Transmission Based on Signal Alignment	COMMUNICATION
2.	Broad beam for Massive MIMO Systems	COMMUNICATION
3.	On Multiple-Input Multiple-Output OFDM with Index Modulation for Next Generation Wireless Networks	COMMUNICATION
4.	Self-Coherent OFDM with Under sampling Down-conversion for Wireless Communications	COMMUNICATION
5.	Distortion-Power Trade Offs in Quasi-Stationary Source Transmission over Delay and Buffer Limited Block Fading Channels	COMMUNICATION
6.	Joint Subcarrier and Power Allocation Methods in Full Duplex Wireless Powered Communication Networks for OFDM Systems	COMMUNICATION
7.	Low-Rank Matrix Completion for Topological Interference Management by Riemannian Pursuit	COMMUNICATION
8.	Near-coherent QPSK performance with Coarse Phase Quantization: a Feedback-based Architecture for Joint Phase/Frequency Synchronization and Demodulation	COMMUNICATION
9.	Optimal Jammer Placement in Wireless Localization Systems	COMMUNICATION
10.	Secrecy Performance of Finite-Sized Cooperative Single Carrier Systems	COMMUNICATION

PROJECT SUPPORTS FOR STUDENTS:

- PROJECT ABSTRACT
- PROJECT IEEE BASE PAPER/ REFERENCE PAPER
- PROJECT PRESENTATION IN PPT FORMAT
- PROJECT REVIEW ASSISTANCE FOR VIVA
- PROJECT DIAGRAMS
- PROJECT SOURCE CODE
- PROJECT REPORT
- PROJECT SCREEN SHOTS
- PROJECT DEMO
- PROJECT EXPLANATION
- PLAGARISM DOCUMENTATION
- INTERNATIONAL JOURNAL/CONFERENCE PUBLISHING
- PROJECT ACCEPTANCE LETTER
- PROJECT COMPLETION CERTIFICATE

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