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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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IEEE M.tech Tittles 2017-2018

S.No	Name of the Tittles	
	Embedded Tittles	
1.	A Visual Chaotic System Simulation in Arduino Platform Controlled by Android App	Embedded
2	A Wireless Health Monitoring System Using Mobile Phone Accessories	Embedded
3	Access Control Schemes for Implantable Medical Devices: A Survey	Embedded
	Anti-theft Protection of Vehicle by GSM & GPS with Fingerprint	Embedded
4	Verification	
5	An Arduino-Based Subsystem for Controlling UAVs Through GSM	Embedded
	Closed-Chain Manipulation of Large Objects by Multi-Arm Robotic	Embedded
6	Systems	
	Congestion Detection and Propagation in Urban Areas Using Histogram	Embedded
7	Models	
	Current Challenges for Visible Light Communications Usage in Vehicle	Embedded
8	Applications Survey	
	Defense against Impersonating Attackers: An Efficient RFID Mutual	Embedded
9	Authentication Protocol Based on Standard	
10	Modeling and Simulation of a Moving Robotic Arm Mounted on Wheelchair	Embedded
	Design and Implementation of Real Time Transformer Health Monitoring	Embedded
11	System Using GSM Technology	
12	Direct and Indirect Sensing two-axis Solar Tracking System	Embedded
13	Efficient Visual Obstacle Avoidance for Robotic Mower	Embedded
	Accurate Indoor Localization and Tracking Using Mobile Phone Inertial	Embedded
14	Sensors, Wi-Fi and iBeacon	
15	Environmental Monitoring in Grain Granary Based on Embedded System	Embedded
	Home Automation and Personalization Through Individual Location	Embedded
16	Determination	
	Industrial Internet: A Survey on the Enabling Technologies, Applications,	Embedded
17	and Challenges	

18	Managing Robot Kinematics Based on Arduino Controllers Using a Unity System	Embedded
19	Robotic Assistant for Mobility-Impaired Patients (RAMP)	Embedded
20	Study of Sufficient Number of Optimal Tilt Angle Adjustment to Maximize Residential Solar Panels Yield	Embedded
21	Ultrasonic Radar System (URAS): Arduino and Virtual Reality for a light-free mapping of indoor environments	Embedded
22	Wearable Sensors for Analyzing Personal Exposure to Air Pollution	Embedded
23	You Can Clone but You Can't Hide: A Survey of Clone Prevention and Detection for RFID	Embedded
24	A Comprehensive Review of Smart Wheelchairs_ past, present and future	Embedded
25	A Temperature Compensated Smart NitrateSensor for agricultural industry	Embedded
26	A Wireless Sensor Monitoring Node Based on automatic tracking solar powered panel for paddy field environment	Embedded
27	Design of a Solar Power Electronic Voting Machine	Embedded
28	Development and Characterization of Carbonic anhydrase based co2 biosensor for primary diagnosis of respiratory health	Embedded
29	Dual Deep Network for Visual Tracking	Embedded
30	Early Detection of Sudden Pedestrian Crossing for safe driving during summer nights	Embedded
31	Improving Smart Home Security_ Integrating logical sensing into smart home	Embedded
32	Modeling and Offset Free Model Predictive control of a hydraulic mini excavator	Embedded
33	Monitoring Physiological Variables of Mining workers at high altitude	Embedded
34	Patients' Adoption of WSN Based Smart Home Healthcare systems an integrated model of facilitators and barriers	Embedded
35	Private and Secured Medical Data Transmission and analysis for wireless sensing health care system	Embedded
36	Reworking multilabel brain tumor segmentation	Embedded
37	RFID based Production Data Analysis in an iot enabled smart job shop	Embedded
38	Sleep Sense A Noncontact and Cost Effective sleep monitoring system	Embedded

39	Towards Fourth Industrial revolution impact smart product based on RFID technology	Embedded
40	VOT-EL_ Three Tier Secured State Of The Art EVM design using pragmatic fingerprint detection annexed with NFC enabled voter id card	Embedded
41	Wearable Medical Sensor-based System design a survey	Embedded
IOT Tittles		
42	Agricultural Crop Monitoring using IOT- A Study	IOT
43	IoT applications on Secure Smart Shopping System	IOT
44	IoT Considerations, Requirements, and architectures for smart buildings_energy optimization and next generation building management systems	IOT
45	Federated Internet of Things and cloud computing pervasive patient health monitoring system	IOT
46	Healthcare applications of the Internet of Things: A Review	IOT
47	A Privacy Preserving Communication Protocol for iot applications in smart homes	IOT
48	Secure and Efficient Protocol for Route Optimization in PMIPv6-based Smart Home IoT Networks	IOT
49	Security Vulnerabilities of Internet of Things: A Case Study of the Smart Plug System	IOT
50	Challenges and Opportunities of Waste Management in IoT enabled smart cities a survey	IOT
51	Achieving Efficient and Secure Data Acquisition for Cloud-supported Internet of Things in Smart Grid	IOT
52	Effective Ways To Use Internet Of Things In The Field Of Medical And Smart Health Care	IOT
53	Follow But No Track: Privacy Preserved Profile Publishing in Cyber-Physical Social Systems	IOT
54	Secure Data Sharing and Searching at the Edge of Cloud Assisted Internet of Things	IOT

55	A Distributed Publisher-Driven Secure Data Sharing Scheme for Information-Centric IoT	IOT
56	EMACS: Design And Implementation Of Indoor Environment Monitoring And Control System	IOT
57	Reconfigurable Smart Water Quality Monitoring System In IoT Environment	IOT
58	Agricultural Crop Monitoring using IOT- A Study	IOT
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60	Models for integrating wireless sensor networks into the Internet of Things	IOT
61	IoT Considerations, Requirements, and architectures for smart buildings_energy optimization and next generation building management systems	IOT
62	Hardware Design and Web-based Communication Modules of a Real-time Multi- Sensor Fire Detection and Notification System using Fuzzy Logic	IOT
63	Enabling IoT for In-Home Rehabilitation: Accelerometer Signals Classification Methods for Activity and Movement Recognition	IOT
64	RFID Based Attendance Management System	IOT
65	Efficient Analysis of Power Consumption Behaviour of Embedded Wireless IoT Systems	IOT
66	Embedded Video Processing On Raspberry Pi	IOT
67	Design of A Energy Monitoring System Based on Web Access	IOT
68	A Low Cost Home Automation System Using Wi-Fi Based Wireless Sensor Network Incorporating Internet of Things(IoT)	IOT
69	Federated Internet of Things and cloud computing pervasive patient health monitoring system	IOT
70	Secure IoT Platform For Industrial Control Systems	IOT
71	A Cloud of Things Framework for Smart Home Services based on Information Centric Networking	IOT
72	IoT Based Vehicle Parking Manager	IOT
73	Child Safety Wearable Device	IOT
74	Internet Of Vehicles (IoV) For Traffic Management	IOT
75	IoT Based Smart Office Application For Advanced Indoor Working	IOT

	Environment And Energy Efficiency	
	Web Objects Based Energy Efficiency for Smart Home IoT Service	IOT
76	Provisioning	
77	A Reliable Internet of Things based Architecture for Oil and Gas Industry	IOT
78	Healthcare applications of the Internet of Things: A Review	IOT
	Multiple Motion Control System Of Robotic Car Based On IOT To Produce	IOT
79	Cloud Service	
80	IoT Based Smart Home Appliances By Using Cloud Intelligent Tetris Switch	IOT
81	Health Monitoring Systems Using IoT And Raspberry Pi — A Review	IOT
82	RFID-based Production Data Analysis in an IoT-enabled Smart Job-shop	IOT
83	Vehicle Seat Vacancy Identification Using Image Processing Technique	IOT
	An IoT Based Fire Alarming And Authentication System For Workhouse	IOT
84	Using Raspberry Pi 3	
	Design And Implementation Of Remotely Located Energy Meter Monitoring	IOT
85	With Load Control And Mobile Billing System Through GSM	
	A Low Cost Home Automation System Using Wi-Fi Based Wireless Sensor	IOT
86	Network Incorporating Internet of Things(IoT)	
	Secure and Efficient Protocol for Route Optimization in PMIPv6-based	IOT
87	Smart Home IoT Networks	
	Challenges And Opportunities Of Waste Management In IoT Enabled Smart	IOT
88	Cities: A Survey	
	The Development Of A Remotely Controlled Home Automation System For	IOT
89	Energy Saving	
	A Smart Approach On Collecting Working Condition Data From Home	IOT
90	Appliances Under The Field Test	
91	An IoT Based Remote HRV Monitoring System For Hypertensive Patients	IOT
	Electronic Visits In Primary Care: Modeling, Analysis, And Scheduling	IOT
92	Policies	
93	A Location Aided Flooding Mechanism In Community Based IOT Networks	IOT
94	Multi Agent Based E-Health System	IOT
95	Performance Enhancement And IoT Based Monitoring For Smart Home	IOT
96	Development of an IoT-based Bridge Safety Monitoring System	IOT
97	Enhanced Fingerprinting And Trajectory Prediction For IoT Localization In	IOT

	Smart Buildings	
98	Real-time Urban Microclimate Analysis Using Internet of Things	IOT
	High Precision Vehicle Navigation In Urban Environments Using An MEM's	IOT
99	IMU And Single Frequency GPS Receiver	
	A Conceptual Framework For IoT Based Healthcare System Using Cloud	IOT
100	Computing	
	A Privacy Preserving Communication Protocol for iot applications in smart	IOT
101	homes	
	Point N Press: An Intelligent Universal Remote Control System For Home	IOT
102	Appliances	
103	Smart Crossing System Using IoT	IOT
104	IoT Based Smart Museum Using Bluetooth Low Energy	IOT
	Dynamically Controlling Exterior And Interior Window Coverings Through	IOT
105	IoT For Environmental Friendly Smart Homes	
	Security Vulnerabilities of Internet of Things: A Case Study of the Smart	IOT
106	Plug System	
107	Intelligent Safety Information Gathering System Using A Smart Blackbox	IOT
	Localization Of Health Center Assets Through An IoT Environment	IOT
108	(LoCATE)	
	Lightweight Mashup Middleware For Coal Mine Safety Monitoring And	IOT
109	Control Automation	
	Private And Secured Medical Data Transmission And Analysis For Wireless	IOT
110	Sensing Healthcare System	
	BSN Care: A Secure IoT Based Modern Healthcare System Using Body	IOT
111	Sensor Network	
	A Temperature Compensated Smart Nitrate Sensor For Agricultural	IOT
112	Industry	
113	Fuel Management System	IOT
114	Design Of Bus Tracking And Fuel Monitoring System/td>	IOT
115	Wearable Medical Sensor Based System Design: A Survey	IOT
116	Challenges and Opportunities of Waste Management in IoT enabled smart	IOT

	cities a survey	
	A Navigation And Reservation Based Smart Parking Platform Using Genetic	IOT
117	Optimization For Smart Cities	
118	A Cyber Physical System For Environmental Monitoring	IOT
	Smart Electricity Meter Data Intelligence For Future Energy Systems: A	IOT
119	Survey	
	A Smart Switch To Connect And Disconnect Electrical Devices At Home By	IOT
120	Using Internet	
	Embedded + MATLAB Tittles	
	Towards Detection of Bus Driver Fatigue Based on robust visual analysis of	Embedded +
121	eye state	MATLAB
	Simpli Mote _ A Wireless Sensor Network Monitoring platform for oil and	Embedded +
122	gas pipelines	MATLAB
		Embedded +
123	A Robust and Efficient Approach to License Plate detection	MATLAB
		Embedded +
124	Fire Detection and alarming using MATLAB	MATLAB
		Embedded +
125	Fire Fighting Robot using camera	MATLAB
		Embedded +
126	Face Recognition based Attendance	MATLAB
		Embedded +
127	Face detection and identification	MATLAB
		Embedded +
128	Home Security System	MATLAB
		Embedded +
129	Vehicle tracking system using Camera	MATLAB
		Embedded +
130	Smart Vehicle Security System	MATLAB
131	Weather Fore Casting System	Embedded +

		MATLAB
132	Finding Correlated Biclusters From Gene Expression Data	Embedded + MATLAB
133	A Learning-Based Similarity Fusion And Filtering Approach For Biomedical Image Retrieval Using Svm Classification And Relevance Feedback	Embedded + MATLAB
134	Scalable Face Image Retrieval With Identity-Based Quantization And Multi Reference Reranking	Embedded + MATLAB
135	A Universal Noise Removal Algorithm With An Impulse Detector	Embedded + MATLAB
136	Scanned Compound Document Encoding Using Multiscale Recurrent Patterns	Embedded + MATLAB
137	Spatial-Range Mean-Shift Filtering And Segmentation Applied To Sar Images	Embedded + MATLAB
138	Assessment Of Human Red Blood Cell Aggregation Using Image Processing And Wavelets	Embedded + MATLAB
139	Pulse Coupled Neural Network Based Image Classification	Embedded + MATLAB
140	Image Segmentation Using Pulse Coupled Neural Networks	Embedded + MATLAB
141	Image Fusion Algorithm Based On M-Pcnn	Embedded + MATLAB
142	Wavelet-Based Medical Image Compression With Adaptive Prediction	Embedded + MATLAB
143	Block-Based Image Compression With Parameter-Assistant Inpainting	Embedded + MATLAB
144	Model-Based Despeckling And Information Extraction From Sar Images	Embedded + MATLAB
145	Automated Event Detection Of Epileptic Spikes Using Neural Networks	Embedded + MATLAB

146	Efficient Compression Of Encrypted Grayscale Images	Embedded + MATLAB
147	Active Testing For Face Detection And Localization	Embedded + MATLAB
148	A 140-Mhz 94 K Gates Hd1080p 30-Frames/S Intra-Only Profile H.264 Encoder	Embedded + MATLAB
149	Adaptive Color Feature Extraction Based On Image Color Distributions	Embedded + MATLAB
150	Iterative Image Fusion Technique Using Fuzzy And Neuro Fuzzy Logic And Applications	Embedded + MATLAB
151	Automated Driver-Less Trains By Image Processing	Embedded + MATLAB
152	General Road Detection From A Single Image	Embedded + MATLAB
153	Infant Cry Analysis And Detection	Embedded + MATLAB
154	Adaptive Wavelet Wiener Filtering Of ECG Signals	Embedded + MATLAB
155	A Heart Disease Recognition Embedded System With Fuzzy Cluster Algorithm	Embedded + MATLAB
156	Investigation Of Speech Separation As A Front-End For Noise Robust Speech Recognition	Embedded + MATLAB
157	Low-Rank Approximation Based Multichannel Wiener Filter Algorithms For Noise Reduction With Application In Cochlear Implants	Embedded + MATLAB
158	A Chaotic Theoretical Approach To ECG-Based Identity Recognition	Embedded + MATLAB
159	Speaker Tracking Using Recursive EM Algorithms	Embedded + MATLAB
160	Nonlinear Audio Systems Identification Through Audio Input	Embedded +

	Gaussianization	MATLAB
	EEG-Based Classification Of Fast And Slow Hand Movements Using	Embedded +
161	Wavelet-CSP Algorithm	MATLAB
	Sparse Classifier Fusion For Speaker Verification	Embedded +
162		MATLAB
	Myocardial Motion Estimation From Medical Images Using the Monogenic	Embedded +
163	Signal	MATLAB
	Discriminative Tandem Features For HMM-Based EEG Classification	Embedded +
164		MATLAB
	Bayesian Learning For Spatial Filtering In Eeg-Based Braincomputer	Embedded +
165	Interface	MATLAB
	Classification Of EMG Signals Using Combined Features And Soft	Embedded +
166	Computing Techniques	MATLAB
	Risk Analysis In Cancer Disease By Using Fuzzy Logic	Embedded +
167		MATLAB
	Intuitionistic Fuzzy Cognitive Maps For Medical Decision Making	Embedded +
168		MATLAB
	Generalized Eeg-Based Drowsiness Prediction System By Using A Self-	Embedded +
169	Organizing Neural Fuzzy System	MATLAB
	Noise-Assisted Data Processing With Empirical Mode Decomposition In	Embedded +
170	Biomedical Signals	MATLAB
	Generalized Eeg-Based Drowsiness Prediction System By Using A Self-	Embedded +
171	Organizing Neural Fuzzy System	MATLAB
	Speaker Identification System Using Empirical Mode Decomposition And An	Embedded +
172	Artificial Neural Network	MATLAB
	Methods For ECG Signal Compression With Reconstruction Via Cubic	Embedded +
173	Spline Approximation	MATLAB
	A Novel Approach For The Detection Of Drunken Driving Using The Power	Embedded +
174	Spectral Density Analysis Of EEG	MATLAB

175	Deaf Speech Assessment Using Digital Processing Techniques	Embedded + MATLAB
176	Sonar Signal Detection And Classification Using Artificial Neural Networks	Embedded + MATLAB
177	Echo Detection And Echo Cancellation	Embedded + MATLAB
178	Audio Water Marking In Mp3 Sequences	Embedded + MATLAB
179	Matlab GUI Controlled Home/Industrial Automation	Embedded + MATLAB
180	Robot Controlling Using Gui And Audio Video Capturing Using Matlab	Embedded + MATLAB
181	Heart Beat Signal Monitoring On PC Using Matlab	Embedded + MATLAB
182	Material Handling Robot Controlling Through Wireless Zigbee From Matlab	Embedded + MATLAB
183	Fire Detection And Automatic Controlling Using Image Processing	Embedded + MATLAB
184	Fire Detection Based On Image Processing With Wireless Video Camera	Embedded + MATLAB
185	Automatic Image Resizing By Seam Carving	Embedded + MATLAB
	Innovative titles	
186	IOT based Smart Roads Intelligent Highways with warning messages and diversions according to climate conditions.	Innovative
187	IOT based home automation.	Innovative
188	IOT based home security.	Innovative
189	IOT based environment monitoring.	Innovative
190	IOT based health care monitoring.	Innovative
191	IOT home security with web cam.	Innovative
192	IOT based smart robot using WIFI module.	Innovative



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193	Vehicle security system using IOT.	Innovative
194	Smart irrigation system using IOT.	Innovative
195	Transform status monitoring system using IOT.	Innovative
196	Touch screen based home automation using IOT.	Innovative

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