
List of Projects We are offering for your Academic Project (2019-20) in Various Domains & Technologies

From:
Cloud Technologies Team

You will get following services and stuff from our team...

- 1) Project Abstract & Explanation.
 - 2) IEEE Base Paper& Explanation.
 - 3) Complete functional code.
 - 4) Complete Project Report with all UML diagrams.
 - 5) Database backup.
 - 6) Video file of project execution.
 - 7) Project Needed Software's and Installation in your machine.
 - 8) Online (Different City) Support.
 - 9) Our support until your External Viva.
 - 10) You can brush up your project for your Visa Interview with our team.
- ❖ You are welcome with your own requirements.
 - ❖ Project Abstract, Base paper and Project overview explanation you can get by before registration.

Extra Supports:

- Support for Project Enhancement / Future Work.
- Support for Plagiarism Document.
- We are offering Real Time Hosting and Cloud Hosting in AWS and etc.
- Paper Writing & Publishing
 - ❖ Scopus Indexed Journals
 - ❖ UGC-CARE Group 'A' Journals
 - ❖ International Journals

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

MACHINE LEARNING PROJECTS

Python Development

Sno	Title of the Project	Domain / Publishing Year / Technology
1	Detection of Brain Tumor in MRI Images, Using a Combination of Fuzzy C-Means and Thresholding	IJAPUC- March 2019
2	Breast Cancer Prediction Applying Different Classification Algorithm with Comparative Analysis	IEEE Conference January 2019
3	Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection	IEEE Conference February 2019
4	Crime Data Analysis and Prediction of Perpetrator Identity using Machine Learning Approach	IEEE Conference June 2019
5	Exploiting Effective Facial Patches for Robust Gender Recognition*	IEEE January 2019
6	HERO: Human Emotions Recognition for Realizing Intelligent Internet of Things*	IEEE March 2019
7	WC-PAD: Web Crawling based Phishing Attack Detection	IEEE Conference June 2019
8	Comparison of Machine Learning Methods for Breast Cancer Diagnosis	IEEE Conference June 2019
9	Image Based Estimation of Real Food Size for Accurate Food Calorie Estimation	IEEE Conference April 2019
10	Prediction of thyroid Disease Using Data Mining Techniques	IEEE Conference June 2019
11	Machine Learning Based Predictive Analytics of Student Academic Performance in STEM education	IEEE Conference May 2019
12	A Review on Student Placement Chance Prediction	IEEE Conference June 2019
13	Diabetes Prediction Using Different Machine Learning Approaches	IEEE Conference June 2019
14	An Optimization Approach to Improve Classification Performance in Cancer and Diabetes Prediction	IEEE Conference April 2019
15	Design of Intelligent Classroom Attendance System Based on Face Recognition	IEEE Conference June 2019
16	Sentiment Analysis Using Machine Learning Classifiers Evaluation of Performance	IEEE Conference September 2019
17	A proposed Model for Predicting Employees' Performance Using Data Mining Techniques: Egyptian Case Study	IJCSIS-2019
18	Detection of fake online reviews using semi-supervised and supervised learning	IEEE Conference February 2019
19	Higher Education Student Dropout Prediction and Analysis through Educational Data Mining	IEEE Conference June 2019
20	A Fuzzy Approach to Text Classification With Two-Stage Training for Ambiguous Instances	IEEE March 2019

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

21	A Time Series Mining Approach For Agricultural Area Detection	IEEE April 2019
22	Design And Implementing Heart Disease Prediction Using Naives Bayesian	IEEE Conference April 2019
23	Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques	IEEE June 2019
24	Personalized affective feedback to address students' frustration in ITS	IEEE March 2019
25	Trust-based Privacy-Preserving Photo Sharing in Online Social Networks	IEEE March 2019
26	A Deep Learning Facial Expression Recognition based Scoring System for Restaurants	IEEE Conference April 2019
28	Missing Child Identification System using Deep Learning and Multiclass KNN	IEEE Conference February 2019
28	Design a Secure Voting System Using Smart Card and Iris Recognition	IEEE Conference April 2019
29	Fingerprint Image Identification for Crime Detection	IEEE Conference April 2019
1	Lyrics Classification using Naive Bayes	Machine Learning- May-2018
2	Heart Disease Prediction using Machine Learning Classifiers	Machine Learning- May-2018
3	Building Minimal Classification Rules for Breast Cancer Diagnosis Using Python	Machine Learning- May-2018
4	Heart Disease Prediction System sing K-Means Clustering and Naïve Bayes Algorithm using Python	Machine Learning- May-2018
5	Collaborative Filtering Algorithm Based on Rating Difference and User Interest	Machine Learning- May-2018
6	Review Spam Detection using Machine Learning	Machine Learning- May-2018
7	Heart Disease Prediction using Neural Networks	Machine Learning- Oct- 2017
8	Comparative Analysis of Classification Approaches for Heart Disease Prediction	Machine Learning- Feb- 2018
9	Multiple face detection based on machine learning	Machine Learning- May-2018
10	Student Pass Rates Prediction Using Optimized Support Vector Machine and Decision Tree	Machine Learning- May-2018
11	Survey on Sentiment Analysis using Twitter Dataset	Machine Learning- May-2018
12	Rainfall Prediction using Hybrid Neural Network approach	Machine Learning- May-2018
13	Phishing Web Sites Features Classification Based on Extreme Learning Machine	Machine Learning- May-2018
14	Comparative Analysis of Classification Approaches for Heart Disease Prediction	Machine Learning- May-2018
15	Analysis of neural networks based heart disease prediction system	Machine Learning-

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

		May-2018
16	Detection of Online Fake News Using N-Gram Analysis and Machine Learning Techniques	Machine Learning-May-2018
17	Increased prediction accuracy in the game of Cricket using machine learning	Machine Learning-May-2018
18	Random Forest for Credit Card Fraud Detection	Machine Learning-May-2018
19	Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning	Machine Learning-May-2018

MACHINE LEARNING PROJECTS

Python Django Development

Sno	Title of the Project	Domain & Publishing Year / Technology
1	Building and Querying an Enterprise Knowledge Graph	IEEE June 2019
2	PersoNet: Friend Recommendation System Based on Big-Five Personality Traits and Hybrid Filtering	IEEE June 2019
3	Personalized Recommendation of Social Images by Constructing a User Interest Tree with Deep Features and Tag Trees	IEEE Nov 2019
4	Trust-based Privacy-Preserving Photo Sharing in Online Social Networks	IEEE March 2019
5	Sentiment Analysis Using Machine Learning Classifiers Evaluation of Performance	IEEE Conference September 2019
6	Active Online Learning for Social Media Analysis to Support Crisis Management	IEEE March 2019
7	WC-PAD: Web Crawling based Phishing Attack Detection	IEEE Conference June 2019
8	Improving Web Page Access Prediction using Web Usage Mining and Web Content Mining	IEEE 2019
9	A Hierarchical Attention Model for Social Contextual Image Recommendation	IEEE April 2019
10	Phishing Web Sites Features Classification Based on Extreme Learning Machine	Machine Learning-May-2018
11	A Web Service to Generate Intelligent Previews of Web Links	Data Mining-2018

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

DEEP LEARNING PROJECTS

Python Development

Sno	Title of the Project	Domain & Publishing Year / Technology
1	Efficient Facial Expression Recognition Algorithm Based on Hierarchical Deep Neural Network Structure*	IEEE April 2019
2	A Deep Learning Facial Expression Recognition based Scoring System for Restaurants	IEEE Conference April 2019
3	Missing Child Identification System using Deep Learning and Multiclass KNN	IEEE Conference February 2019

IMAGE PROCESSING PROJECTS

Python Development

Sno	Title of the Project	Domain & Publishing Year / Technology
1	Detection of Brain Tumor in MRI Images, Using a Combination of Fuzzy C-Means and Thresholding	IJAPUC- January-March 2019
2	Image Based Estimation of Real Food Size for Accurate Food Calorie Estimation	IEEE Conference April 2019
3	Smart Traffic Control System Using Image AI(NON-IEEE)	Python-2018
4	Multiple face detection based on machine learning	Python-2018
5	Smart Traffic Control System Using Canny Edge Detection Algorithm	Python-2018

ARTIFICIAL INTELLIGENCE PROJECTS

Java / Python Development

Sno	Title of the Project	Domain & Publishing Year / Technology
1	A Method of Driver's Eyes Closure and Yawning Detection for Drowsiness Analysis by Infrared Camera*	IEEE Conference February 2019
2	Design a Secure Voting System Using Smart Card and Iris Recognition	IEEE Conference April 2019
3	Signboard Detection and Text Recognition Using Artificial Neural Networks*	IEEE Conference August 2019
1	Smart Traffic Control System Using Canny Edge Detection Algorithm	Artificial intelligence - 2018(Python)

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

		Development)
2	An Artificial Intelligence Approach for Predicting Different Types of Stroke	Artificial intelligence - 2018
3	Artificial Intelligence Based Solarbot	Artificial intelligence - 2018
4	Determining fake statements made by public figures by means of artificial intelligence	Artificial intelligence - 2018
5	Prediction Model for Students' Future Development by Deep Learning and Tensor flow Artificial Intelligence Engine	Artificial intelligence - 2018
6	Human Face Detection and Facial Expression Identification	Artificial intelligence - 2018
7	A Web Service to Generate Intelligent Previews of Web Links	Artificial intelligence - 2018
9	Voice Controlled Robot using smart phone	Artificial intelligence

NATURAL LANGUAGE PROCESSING

Java/Python Development

SNO	Project Name	Domain –Year
1	Classifying Fake News Articles Using Natural Language Processing to Identify In-Article Attribution as a Supervised Learning Estimator*	IEEE- March 2019
2	SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors	Natural Language Processing -2017
3	Entity linking with a knowledge base issues techniques and solutions	Natural Language Processing -2015
4	PPSGen Learning-Based Presentation Slides Generation for Academic Papers	Natural Language Processing -2015
5	Document Classification with a weighted Frequency Pattern tree algorithm	Natural Language Processing -2016

DATA MINING PROJECTS

IEEE Papers, Java Development

Sno	Title of the Project	Domain &Publishing Year
1	Sentiment Analysis of Twitter Data	IEEE Conference May 2019
2	Prediction of thyroid Disease Using Data Mining Techniques	IEEE Conference June 2019

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

3	A Hierarchical Attention Model for Social Contextual Image Recommendation	IEEE April 2019
4	Active Online Learning for Social Media Analysis to Support Crisis Management	IEEE March 2019
5	Building and Querying an Enterprise Knowledge Graph	IEEE June 2019
6	SentiDiff: Combining Textual Information and Sentiment Diffusion Patterns for Twitter Sentiment Analysis	IEEE April 2019
7	Enabling Efficient and Geometric Range Query with Access Control over Encrypted Spatial Data	IEEE April 2019
8	PersoNet: Friend Recommendation System Based on Big-Five Personality Traits and Hybrid Filtering	IEEE June 2019
9	Personalized Recommendation of Social Images by Constructing a User Interest Tree with Deep Features and Tag Trees	IEEE Nov 2019
10	Privacy-Preserving Aggregate Queries for Optimal Location Selection	IEEE April 2019
11	Sensitive Label Privacy Preservation with Anatomization for Data Publishing	IEEE May 2019
12	Trust-based Privacy-Preserving Photo Sharing in Online Social Networks	IEEE March 2019
13	WC-PAD: Web Crawling based Phishing Attack Detection	IEEE Conference June 2019
14	Improving Web Page Access Prediction using Web Usage Mining and Web Content Mining	IEEE 2019
1	Lyrics Classification using Naive Bayes	Data Mining-2018
2	Characterizing and Predicting Early Reviewers for Effective Product Marketing on E-Commerce Websites	DATA ENGINEERING- August 2018
3	Building Minimal Classification Rules for Breast Cancer Diagnosis	Data Mining-2018
4	Centroid-based KNN Query in Mobile Service of LBS	Data Mining-2018
5	Relevant Feedback Based Accurate and Intelligent Retrieval on Capturing User Intention for Personalized	Data Mining-2018
6	A Web Service to Generate Intelligent Previews of Web Links	Data Mining-2018
7	Smart crawler: A Personalized Web Search For Relevant Web Pages	Data Mining-2018
8	Point-of-interest Recommendation for Location Promotion in Location-based Social Networks	Data Mining-2017
9	Personal Web Revisitation by Context and Content Keywords with Relevance Feedback	Data Mining-2017
10	SociRank: Identifying and Ranking Prevalent News Topics Using Social Media Factors	Data Mining-2017
11	NetSpam: A Network-Based Spam Detection Framework for Reviews in Online Social Media	Data Mining-2017
12	Privacy-Preserving Multi-keyword Top-K similarity Search Over	Data Mining-2017

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

	Encrypted Data	
13	Collaborative Filtering-Based Recommendation of Online Social Voting	Data Mining-2017
14	Service Rating Prediction by Exploring Social Mobile Users' Geographical Locations	Data mining-2017
15	SocialQ&A: An Online Social Network Based Question and Answer System	Data Mining-2017
16	An Internal Intrusion Detection and Protection System by Using Data Mining and Forensic Techniques	Data Mining-2017

BIG DATA

Java Development

Sno	Title of the Project	Domain & Publishing Year / Technology
1	A Time Series Mining Approach For Agricultural Area Detection	IEEE April 2019
1	Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud	Big Data-2017
2	Secure k-NN Query on Encrypted Cloud Data with Multiple Keys	Big Data-2017
3	An Efficient and Fine-grained Big Data AccessControl Scheme with Privacy-preserving Policy	Big Data-2017
4	Heterogeneous Data Storage Management with Deduplication in Cloud Computing	Big Data-2017

SALESFORCE CRM

Sno	Title of the Project	Domain & Publishing Year / Technology
1	Defect tracking system Sales force CRM	Live Concepts
2	Employee Attendance Portal Sales force CRM	Live Concepts
3	Entertainment Expense Management System Sales force CRM	Live Concepts
4	Hireling Management system Sales force CRM	Live Concepts
5	Project Management System Sales force CRM	Live Concepts
6	Task Manager Sales force CRM	Live Concepts

SMART INDIA HACKATHON 2020

Software Project

S. No	Title of the Project	Publishing Date
-------	----------------------	-----------------

MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')

Our Development Technologies: **Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded**

1	Use of AI based Chat bots for providing health related information	HACKATHON2020
2	Smart Management of Food Storage and Waste Reduction	HACKATHON2020
3	Prediction Of Tariff Rate	HACKATHON2020
4	Alumni Tracking System	HACKATHON2020
5	App for online OPD appointment & Hospital Information System	HACKATHON2020
6	Court Case Management software	HACKATHON2020
7	Cyber Crime Prevention	HACKATHON2020
8	Data Crawlers to collect data	HACKATHON2020
9	Develop a Students Grievance Support System	HACKATHON2020
10	Disruptive innovation for women empowerment	HACKATHON2020
11	Innovative apps for women safety specially in cyber space	HACKATHON2020
12	Livestock Health Database	HACKATHON2020
13	Predicting the trends of quality-oriented jobs	HACKATHON2020
14	Real-Time Based Facial Recognition Systems	HACKATHON2020
15	Tracking & Tracing of Fake News	HACKATHON2020
16	Video based dynamic human authentication system for access control	HACKATHON2020
17	Virtual Assistant for Medical Device	HACKATHON2020

CLLOUD COMPUTING PROJECTS

IEEE Papers, Java Development, Amazon Web Services (AWS) hosting

Sno	Title of the Project	Domain & Publishing Year
1	Revocable Attribute-Based Encryption Scheme With Efficient Deduplication for Ehealth Systems	IEEE July2019
2	A Practical Attribute-Based Document Collection Hierarchical Encryption Scheme in Cloud Computing	IEEE April 2019
3	Dynamic Multi-Keyword Ranked Search Based on Bloom Filter Over Encrypted Cloud Data	IEEE April 2019
4	Verifiable and Multi-Keyword Searchable Attribute-Based Encryption Scheme for Cloud Storage	IEEE April 2019
5	Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage	IEEE February 2019
6	Extended File Hierarchy Access Control Scheme with Attribute Based Encryption in Cloud Computing	IEEE March 2019
7	Privacy Preserving Searchable Encryption with Fine-grained Access Control	IEEE January 2019
8	Authenticated Medical Documents Releasing with Privacy Protection and Release Control	IEEE April 2019

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

9	Provable Data Possession with Outsourced Data Transfer	IEEE January 2019
10	An Attribute-Based Controlled Collaborative Access Control Scheme for Public Cloud Storage	IEEE November 2019
1	Client Side Secure Image Deduplication Using DICE Protocol	Multimedia Information 28 June 2018
2	Combining Data Owner-Side and Cloud-Side Access Control for Encrypted Cloud Storage	Information Forensics August 2018
3	SeSPHR: A Methodology for Secure Sharing of Personal Health Records in the Cloud	Internet of Things. June 2018 -2018
4	HealthDep: An Efficient and Secure Deduplication Scheme for Cloud-Assisted eHealth Systems	Industrial Informatics- May 2018
5	Secure Attribute-Based Signature Scheme With Multiple Authorities for Blockchain in Electronic Health Records Systems	Cloud Computing. February 2018
6	Secure Identity-based Data Sharing and Profile Matching for Mobile Healthcare Social Networks in Cloud Computing	Cloud Computing. July 2018
7	Semantic-Aware Searching Over Encrypted Data for Cloud Computing	Information forensics and security, September-2018
8	An Efficient Ranked Multi-Keyword Search for Multiple Data Owners Over Encrypted Cloud Data	Data Mining-April- 2018
9	Efficient and Expressive Keyword Search Over Encrypted Data in Cloud	May-June 1 2018
10	Towards Privacy-Preserving Content-Based Image Retrieval in Cloud Computing	Jan.-March 1 2018
1	RAAC: Robust and Auditable Access Control With Multiple Attribute Authorities for Public Cloud Storage	Information Forensics And Security-2017
2	Attribute-Based Storage Supporting Secure Deduplication of Encrypted Data in Cloud	Big Data-2017
3	A Novel Efficient Remote Data Possession Checking Protocol in Cloud Storage	Information Forensics And Security-2017
4	Fast Phrase Search for Encrypted Cloud Storage	Cloud Computing - 2017
5	Identity-based Remote Data Integrity Checking with Perfect Data Privacy Preserving for Cloud Storage	Information Forensics And Security-2017
6	Practical Privacy-Preserving Content-Based Retrieval in Cloud Image Repositories	Cloud Computing - 2017
7	Provably Secure Key-Aggregate Cryptosystems with Broadcast Aggregate Keys for Online Data Sharing on the Cloud	Computers-2017
8	Secure k-NN Query on Encrypted Cloud Data with Multiple Keys	Big Data-2017
9	TAFC: Time and Attribute Factors Combined Access Control for Time-Sensitive Data in Public Cloud	Services Computing- 2017

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

10	SeDaSC: Secure Data Sharing in Clouds	Cloud Computing-2017
11	An Efficient and Fine-grained Big Data Access Control Scheme with Privacy-preserving Policy	Big data
12	TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud	Cloud Computing-2017
13	Elimination of Redundant Data in Cloud with Secured Access Control	Cloud Computing-2017
14	Hybrid Secure and Scalable Electronic Health Record Sharing in Hybrid Cloud	Cloud Computing-2017
15	Facilitating Secure and Efficient Spatial Query Processing on the Cloud	Cloud Computing-2017
16	Flexible Data Access Control Based on Trust and Reputation in Cloud Computing	Cloud Computing-2017
17	Heterogeneous Data Storage Management with Deduplication in Cloud Computing	BIG DATA-2017

ANDROID APP PROJECTS

Java/Android, web services etc.. Development

Sno	Title of the Project	Technology
CTA01	Food Diet Control Android App	ANDROID
CTA02	BP Monitoring APP	ANDROID
CTA03	BISTRO APP	ANDROID
CTA04	Exam Fever APP B-Tech Study Data	ANDROID
CTA05	Android College notice board	ANDROID
CTA06	E-Voting	ANDROID
CTA07	Offline Gate Material App	ANDROID
CTA08	E-Book App	ANDROID
CTA09	Offline Study Data App	ANDROID
CTA10	College Events APP	ANDROID
CTA11	College App	ANDROID
CTA12	Find A B-tech Set In My College	ANDROID
CTA13	Women Safety	ANDROID
CTA14	College CR Voting System	ANDROID
CTA15	Promoting different Business adds in all Android smart PHONES	ANDROID
CTA16	Android Event Scheduler Reminder Application	ANDROID
CTA18	Tracking 24 hrs.	ANDROID
CTA20	College Phonebook	ANDROID
CTA22	Master Mind	ANDROID
CTA23	Message Reader	ANDROID
CTA24	Mobile Attendance	ANDROID

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

CTA27	Personal Book	ANDROID
CTA28	Personal Finance Application	ANDROID
CTA33	Route Map	ANDROID
CTA34	Attendance Management	ANDROID
CTA35	Event Manager	ANDROID
CTA36	Expense Tracker	ANDROID
CTA40	Safe Driving Using Mobile Phones	ANDROID
CTA41	Blood Contingency	ANDROID
CTA42	Bus Tracking	ANDROID
CTA43	Online Books	ANDROID
CTA44	Auction on Product	ANDROID
CTA45	Android Based Furniture Shopping	ANDROID
CTA46	Catering android application	ANDROID
CTA47	Products Comparing System	ANDROID
CTA48	Movie recommendation system	ANDROID
CTA49	Furniture shopping	ANDROID
CTA50	HealthMonitoring	ANDROID
CTA51	Online Grocery	ANDROID
CTA52	web pharmacy system	ANDROID
CTA53	Pack it up and Pass it on	ANDROID
CTA54	College Library	ANDROID

<h2 style="text-align: center;">IoT PROJECTS</h2> <h3 style="text-align: center;">IEEE Projects & Live Concepts</h3>		
S. No	Title of the Project	Publishing Date
1	Analysis of Smart helmets and Designing an IoT based smart helmet A cost effective solution for Riders	20 June 2019
2	An IoT-based Smart Garden with Weather Station System	24 June 2019
3	Design Of A Monitoring System For Waste Management Using IoT	20 June 2019
4	Intelligent Neonatal Monitoring System Based on Android Application using Multi Sensors	24 June 2019
5	IoT Based Safety and Health Monitoring for Construction Workers	20 June 2019
6	IoT based Wireless Controlled Smart Transportation System	20 June 2019
7	IoT Device For Sewage Gas Monitoring And Alert System	20 June 2019
8	Multi view Garbage Collection Estimation Using IoT	2019
9	Smart Garbage Segregation & Management System Using Internet of Things(IoT)	2019
10	The Internet-of-Things based hand gestures using wearable	24 June 2019

MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')

Our Development Technologies: **Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded**

	sensors for human machine interaction	
11	IoT Based Door Lock Surveillance System Using Cryptographic Algorithms	24 June 2019
12	Gas Level Detection And Automatic Booking Using IoT	06 June 2019
13	Voice based Automation System for Controlling Various Appliances using a Mobile Device	04 July 2019
14	Integrated Power Management with Automated Attendance System	05 September 2019
15	Controlling Smart Home Activities Using IoT	12 September 2019
16	Gas Leakage Detection Based on IOT	02 September 2019
17	Automation in Agriculture and IoT	29 July 2019
18	SURE-H: A Secure IoT Enabled Smart Home System	22 July 2019
20	Smart Traffic Light Scheduling in Smart City Using Image and Video Processing	22 August 2019
21	IoT-Based Interactive Dual Mode Smart Home Automation	07 March 2019
22	IoT Based Smart Waste Management System: India prospective	29 July 2019
23	An IoT based smart solution for leaf disease detection	12 April 2018
25	IoT based low cost smart irrigation system	27 September 2018
26	Statistical Analysis of CO2 Emission Based on Road Grade, Acceleration and for Public Utility Vehicles with IoT	07 May 2018
27	Cloud Based Smart Parking System	27 September 2018
28	An Agent-based IoT System for Intelligent Energy Monitoring in Buildings	26 July 2018
29	A Wireless IoT System Towards Gait Detection In Stroke Patients	17 March 2017
31	Advanced IoT Based Combined Remote Health Monitoring and Alarm System	27 February 2018
32	Energy Monitoring and Control Using Internet of Things (IoT) System	07 June 2018
33	IoT based smart crop-field monitoring and automation irrigation system	28 June 2018
34	IoT based Smart Home Automation System using Sensor Node	21 June 2018
35	Location Based Garbage Management System with IoT for Smart City	20 September 2018
36	Developing a Smart Bus for Smart City using IOT Technology	15 October 2018
37	Design and implementation of a low cost system for vehicle safety and location Tracking	28 June 2018
38	A novel and secure smart parking management system (SPMS) based on integration of RFID and IoT	31 May 2018
39	Smart parking using IoT technology	21 June 2018
40	IoT based Car Pollution Detection	23 August 2018
41	Repeated Data Management Framework for IoT: A Case Study on Weather Monitoring and Forecasting	21 June 2018

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

42	IoT Based Live Environmental Monitoring Using Embedded Sensors	22 October 2018
43	IoT based Solar Powered Agribot for Irrigation and Farm Monitoring	2018
44	Bus tracking system using RFID & over IoT	IoT
45	Garbage collection bins overflow indicator using GSM & Ultrasonic sensor Over IoT	IoT
46	Gas Leakage Monitoring over IoT using GSM, GPS and Wi-Fi Module	IoT
47	Monitoring four wheeler driving pattern Using GSM GPS & mpu6050	IoT
48	Traffic Density Based Traffic Light Waiting System Control	IoT
49	Smart Dustbin With IoT Notifications Using Arduino	IoT
50	IoT Based Urban Water Supply Management System	IoT
51	Patient health monitoring system Using IoT	IoT
52	Parking slot monitoring system over IoT	IoT
53	Implementation of the Driver Drowsiness Detection System	IoT
54	Analysis of soil moisture data using IoT & KNN algorithm	IoT
55	Swachh bharaat dustbin with wet & dry notifications Over IoT	IoT
56	Home Automation Using IoT Over Android Phone	IoT
57	Remote industrial devices control over IoT	IoT
58	PV solar panel grid and battery voltage monitoring over IoT	IoT
59	Power quality, continuity and load monitoring over IoT	IoT
60	Automatic plant irrigation based on soil moisture and monitoring over IoT	IoT
61	Visitor counter for museums and data posting to IoT	IoT
62	Underground cable fault distance identifier over internet of things (IoT) platform	IoT
63	UV light radiation detection and posting data to IoT to warn people	IoT
64	Minimize the energy consumption at Commercial areas using Energy Saver meter	IoT
65	Automation of dry-wet dust collection to support over Internet of Things IOT	IoT
66	Parking slot monitoring over IoT in shopping malls	IoT
67	QR code based door opening system	IoT
68	Movable Road Divider For Organized Vehicular Traffic Control With Monitoring Over Internet Of Thing	IoT
69	Smart Parking system using gate control system	IoT
70	IoT based Solar Powered Agribot for Irrigation and Farm Monitoring	IoT
71	Floor mopping robot using IoT	IoT
72	IoT Electronic Door Opener	IoT

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

73	IoT Liquid Level Monitoring System	IoT
74	IoT Mining Tracking & Worker Safety Helmet	IoT
75	IoT Streetlight Controller System	IoT
76	Voice Controlled Robotic Vehicle	IoT

EMBEDDED PROJECTS

IEEE Projects

S. No	Title of the Project	Publishing Date
1	An RFID-Enabled Automated Storage and Retrieval System via Microcontroller Stepper Motor Control	2019
2	Wearable Wireless Sensor System With RF Remote Activation for Gas Monitoring Applications	26 January 2018
3	Key binding biometrics-based remote user authentication scheme using smart cards	19 April 2018
4	Toxic Gas Leak Monitoring Alarm System Based on Wireless Sensor Network	12 April 2018
5	Fall Detection System for Labour Safety	16 August 2018
6	Soldier Security and Health Monitoring	16 August 2018
7	Real-Time Analysis and Simulation of Efficient Bus Monitoring System	01 October 2018
8	A novel approach to provide protection for women by using smart security device	28 June 2018
9	IMU based Accident Detection and Intimation System	17 September 2018
10	Smart Stick for the Blind and Visually Impaired People	27 September 2018
11	Traffic Light Controller Using Sound Sensors and Density Sensors	27 September 2018
12	Simple design and implementation of solar tracking system two axis with four sensors	24 May 2018
13	Monitoring System for Solar Panel Using Smartphone Based on Microcontroller	10 May 2018 (IoT)
14	Detection of a Drowsy state of the Driver on road using wearable sensors: A survey	27 September 2018
15	Implementation model of Wi-Fi based Smart Home System	23 August 2018 (IoT)
16	Arduino based temperature and humidity control for condensation on wettability engineered surfaces	09 July 2018
18	Alcohol detection for car locking system	09 July 2018
19	Accident and alcohol detection in Bluetooth enabled smart helmets for motorbikes	27 February 2018
20	Efficient Design of a Low Cost Portable Weather Station	23 August 2018
21	Automatic Child Monitoring System	Embedded

MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')

Our Development Technologies: **Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded**

22	Controlling of Traffic Using Movable Road Dividers	Embedded
23	RFID vehicle tracking system using GSM with SMS alert of GPS location	Embedded
24	Women Security Assistance system with GPS tracking and messaging system	Embedded
25	RF Controlled Robotic Vehicle	Embedded
26	Accident Avoiding System with Crash Detection and GPS Notification	Embedded
27	Examination room guide using rfid for the jumbling system based exams and gsm	Embedded
28	Device to device communication using Li-Fi	Embedded
29	Auto Speed Control Of Vehicle At Specified Locations Like School Zones / Hospitals / Residential Areas	Embedded
30	Street light Control on moving vehicle	Embedded
31	Wireless Power Transfer Solution for Smart Charger	07 May 2018
32	Maximum Power Generation Using Solar Panel	Embedded
33	Fraud Detection In Petrol Bunks Fuel Level Manager	Embedded
34	Blind Stick Using Arduino with Ultrasonic Sensor	Embedded
35	Electronic 'PID' Controller for Temperature Control	Embedded
36	Electronic Voter Machine	Embedded
38	Air Quality Monitoring System Within Campus by Using Wireless Sensor Networks	June 2019
39	Implementation of an Image Processing based Smart Parking System using Haar-Cascade Method	April 2019
40	Reefer Container Monitoring System	March 2019

Code	EEE EMBEDDED	Domain
1	AC Power Strength Controller System	Embedded
2	Accurate Room Temperature Controller Project	Embedded
3	Advanced Footstep Power Generation System	Embedded
4	Android Circuit Breaker Project	Embedded
5	Automatic Speed Control Of Vehicle At School Zones Using IR Sensor	Embedded
6	Design and development of sms based car engine control system to prevent car theft using gsm modem	Embedded
7	Feeder Over Load Protection And Auto Trip Off Using Current Transformer And Operational Amplifier	Embedded
8	Generation Of Electricity Using Road Transport Pressure	Embedded
9	Four Quadrant Dc Motor Speed Control With Microcontroller	Embedded
10	Underground Cable Fault Distance Calculator	Embedded
11	Automatic Active Phase Selector For Uninterrupted Load Run In Rural Areas	Embedded

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

12	Solar Highway Lighting System With Auto Turn Off On Day Time	Embedded
13	Tilt Sensor Based Locker Safety Implementation	Embedded
14	Commercial Power Saver Project	Embedded
15	Industry Process Automation Using Programmable Switching	Embedded
16	Automatic Plant Irrigation Based On Soil Moisture And Monitoring Over Iot	Embedded
17	Underground Cable Fault Distance Identifier Over Internet Of Things (Iot) Platform	Embedded
18	Power Quality, Continuity And Load Monitoring Over Iot	Embedded
19	Public Water Supply Grid Monitoring To Avoid Tampering & Water Man Fraud Using Iot	Embedded
20	Inverter With Battery Low And Over Load Indicator	Embedded
21	Implementation Of Recordable Non Volatile Audio Storage System With High Signal To Noise Ratio With 4-8 Khz Sampling Rate Through High Fidelity Condenser Microphone	Embedded
22	Hand Cranked Dynamo Based Energy Generation System For Emergency Head Lamp Applications For Mining Workers And Engineers Who Work Under Ground And Dark Conditions	Embedded
23	Coin Operated Milk Dispensing System Using IR Sensor	Embedded
24	Automatic Public Tap Control System Using IR Sensor To Prevent Wastage Of Water	Embedded
25	Shunt Compensation Technique For Improved Power Factor By Using Thyristor Switched Capacitor In Flexible AC Transmission Systems	Embedded
26	Intelligent Automatic Transformer Load Sharing System	Embedded
27	Miniature Thermal Power Plant Using Tep Transducer For Domestic And Industrial Applications	Embedded
28	Multi-Power Supply Using 4 Different Sources For No Break Power Supply	Embedded
29	Camera Based Surveillance System Using Raspberry Pi	Embedded
30	Bill Prediction & Power Factor Measuring With SMS Alert	Embedded
31	Womens Safety Device With GPS Tracking & Alerts	Embedded
32	Ultrasonic Radar Project	Embedded
33	Sound Activated Switch With Zero False Triggering (CLAP SWITCH)	Embedded
34	Dtmf Based Appliances Control System For Rural And Agricultural Applications	Embedded
35	Pc Based Dc Motor Speed And Direction Control Using Pwm And Bridge	Embedded
36	Voice Transmission Using Frequency Modulation Technique For College Radio Application	Embedded
37	Wireless Temperature Measurement And Control System Based On MSP430F149	Embedded

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

RASPBERRY PI BASED PROJECTS

S. No	Title of the Project	Publishing Date
1	Density Based Smart Traffic Control System Using Canny Edge Detection Algorithm for Congregating Traffic Information	Raspberry Pi
2	Text and Label Reading using Raspberry Pi and OpenCV	Raspberry Pi
3	Multiple face detection using OpenCV with Raspberry Pi	Raspberry Pi
4	Surveillance camera using Raspberry Pi with Open CV	Raspberry Pi
5	Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning	Raspberry Pi
6	A Raspberry Pi Controlled Cloud Based Air and Sound Pollution Monitoring System with Temperature and Humidity Sensing	Raspberry Pi
7	IoT Garbage Monitoring Using Raspberry Pi	Raspberry Pi
8	Raspberry Pi Air and Noise Pollution Monitoring System Over IoT	Raspberry Pi
9	Raspberry Pi based Weather Reporting Over IoT	Raspberry Pi
10	Raspberry Pi based voice-operated personal assistant	02 September 2019
11	Controlling the temperature reactor based on Raspberry Pi system control	21 June 2018
12	Integration Of Face Recognition To Access The Door	Raspberry Pi
13	Deep Learning for Recognizing Human Activities using Motions of Skeletal Joints	April 2019
14	Implementation of an Image Processing based Smart Parking System using Haar-Cascade Method	April 2019
15	Text to Speech (TTS) Converter	Raspberry Pi
16	Home Security System and Door Access Control Based on Face Recognition	Raspberry Pi
17	Design of Intelligent Classroom Attendance System Based on Face Recognition	June 2019
18	Missing Child Identification System using Deep Learning and Multiclass	February 2019
19	A Deep Learning Facial Expression Recognition based Scoring System for Restaurants	March 2019
20	Design a Secure Voting System Using Smart Card and Iris Recognition	April 2019
21	Women Safety Night Patrolling Robot	Raspberry Pi

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

ROBOT BASED PROJECTS

S. No	Title of the Project	Publishing Date
1	Obstacle Avoiding Robot	Robotics
2	Line Follower Robot	Robotics
3	Bluetooth Controlled Robot	Robotics
4	Voice Controlled Robotic Vehicle with Google Assistance	Robotics
5	Raspberry Pi Surveillance robot with web control	Robotics
6	Floor mopping robot using IoT	Robotics
7	RF Controlled Robotic Vehicle	Robotics
8	Fire Extinguishing Robot	Robotics
9	RF Based farmer friendly Agricultural Robot with motorized shovel control System with automatic seed dispensing system	Robotics
10	RF Controlled Metal Detecting Robot with Remote Voice And Image Transmission to assist bomb detection and rescue team (Camera not included)	Robotics
11	Robots become multi-talented can travel in water, fire, Sand, Stone	Robotics
12	Self Standing Robot	Robotics
13	Women Safety Night Patrolling Robot	Robotics
14	Automatic Vacuum Cleaner Robot	Robotics
15	Hand Motion Controlled Robotic Vehicle	Robotics
16	Rough Terrain Beetle Robot	Robotics
17	Count of count of entry exit passengers Metro Train	Robotics

SMART INDIA HACKATHON 2020

Hardware Project

S. No	Title of the Project	Publishing Date
1	Smart Traffic Monitoring and controlling	HACKATHON2020
2	Smarter Surveillance System	HACKATHON2020
3	Build an online system for monitoring water quality, leaks, contamination, and managing pipeline network	HACKATHON2020
4	Soldier Strap	HACKATHON2020
5	Smart Management of Street lights for Energy Conservation	HACKATHON2020
6	Remote Monitoring of the Quality and Portability of Drinking Water Sources	HACKATHON2020
7	Solar Powered Smart Irrigation System	HACKATHON2020
8	Smart clothes for Security Forces	HACKATHON2020
9	Technological advances in LPG sector	HACKATHON2020
10	solutions required to address challenges faced in clean water supply	HACKATHON2020
11	Solution for initiating some kind of alarm to protect underground	HACKATHON2020

**MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')**

Our Development Technologies: Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded

	fiber while digging the road for construction	
12	Class Room Attendance Display	HACKATHON2020
13	Warning System for Driver	HACKATHON2020
14	Cost effective mechanism to treat waste water in small villages	HACKATHON2020

UGC CARE APPROVED		
S. No	JOURNALS NAMES	UGC ISSN/SERIAL NO
1	Science, Technology and Development Journal http://journalstd.com/	33806
2	The International Journal of Analytical and Experimental Modal Analysis http://jaema.com/	36272
3	Journal of Engineering Sciences http://jespublication.com/	20446
4	Think India Journal https://www.thinkindiaquarterly.org/	0971-1260
5	Journal of Information and Computational Science http://www.joics.org/	21148
6	Praxis Science and Technology Journal http://praxisonline.org/	03698394
7	Thematics Journal of Gegraphy https://www.pen2print.org/2019/08/thematics-journal-of-geography-issn.html	277-2995

MTech, BTech Projects | PhD Support| IEEE Projects | Paper Writing & Publishing
(Scopus Indexed, UGC CARE 'GROUP-A')

Our Development Technologies: **Python, Django, Flask, Java, PHP, .Net, Android, IoT and Embedded**