

EMBEDDED SYSTEM

CODE	TOPICS	FIELD
IITEMB-1	Application of Internet of Things Technology in Bridge Health Detection.	IEEE-2018 INTERNET OF THINGS
IITEMB-2	IOT Based Smart Garbage alert system and Public awareness intimation using Wireless sensor network.	
IITEMB-3	Automatic Irrigation System for Agricultural Application along color sensor using IoT.	
IITEMB-4	Intelligent Automatic Traffic Control with Ambulance Using IoT.	
IITEMB-5	Wireless Sensor Network-Based Remote Wind Turbine Condition Monitoring System.	
IITEMB-6	A Low Cost Reconfigurable Smart Water Quality Monitoring System in IoT Environment.	
IITEMB-7	Design of Knowledge Based Real Time Monitoring System for Aquaculture Using IoT.	
IITEMB-8	Design of IoT Based Industrial Pollution Monitoring System.	
IITEMB-9	IoT Based Quality Attributes Of Agricultural and Food Products.	
IITEMB-10	Vehicle Identification by Using IoT for Thefted Vehicles.	
IITEMB-11	Industrial Internet of Things: Challenges, Opportunities, and Directions.	
IITEMB-12	Secured Data Collection with Hardware-based Ciphers for IoT-based Healthcare.	
IITEMB-13	IoT-Based E-Health Data Acquisition System.	
IITEMB-14	Approximation and Temperature Control System via an Actuator and a Cloud: An Application Based on the IoT for Smart Houses.	
IITEMB-15	A Complete Internet of Things (IoT) Platform for Structural Health Monitoring (SHM).	
IITEMB-16	IoT based smart school bus monitoring and notification system.	

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IITEMB-17	Intelligent Medicine box for Medication Management using IoT	IEEE-2018 INTERNET OF THINGS
IITEMB-18	Advanced Home Automation and Security Control Using IoT Technology.	
IITEMB-19	Smart Vehicle Parking Slot Availability Check and Booking System Based On IoT Technology	
IITEMB-20	IoT Based Street Light Control Using Color Sensor.	
IITEMB-21	An IoT Based Multi-Parameter Data Acquisition System for Efficient Bio-Telemonitoring of Pregnant Women at Home.	
IITEMB-22	RFID-based Production Data Analysis in an IoT-enabled Smart Job-shop.	
IITEMB-23	LIFI based ATM Security Using Hand Vein Biometric Identification by wavelet transform algorithm	IEEE-2018 LIFI
IITEMB-24	Coal Mine Safety System in Mining Area for Workers Using Visible Light Communication.	
IITEMB-25	Efficient and Reliable Intervehicle Communication Networks: A Cross-Layer Approach for Autonomous VANETs using LiFi.	
IITEMB-26	Visible Light Communication based Driver Warning Accuracy Improving.	
IITEMB-27	A New Alarming System for Underground Ground Mining Environment Using Visible Light Communication.	
IITEMB-28	Visible light Communication for the Medical Body Sensor Network.	
IITEMB-29	LI-FI based Smart Traffic Network.	
IITEMB-30	Smart Garbage alert system and Public awareness intimation using Wireless sensor network.	IEEE-2018 WIRELESS
IITEMB-31	Wireless Sensor Network-Based Remote Wind Turbine Condition Monitoring System.	
IITEMB-32	Smart Water Quality Monitoring System in Environment using WSN.	
IITEMB-33	Secured Data Collection with Hardware-based Ciphers for IoT-based Healthcare.	

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IITEMB-34	Monitoring and Alert System for coal mine safety system using Wireless sensor network.	IEEE-2018 WIRELESS COMMUNICATION
IITEMB-35	Smart Bio-Services: Automatic Accident Detection and Ambulance Rescue System.	
IITEMB-36	Detection of Motorcyclists without Helmet Using Wireless Technology.	
IITEMB-37	Agricultural environment monitoring system using wireless sensor networks and IoT	
IITEMB-38	Android based PLC data monitoring interface with industrial data communication port.	
IITEMB-39	TMCAS: An MQTT based collision avoidance system for railway network.	
IITEMB-40	Edge Computing-based Intelligent Manhole Cover Management System for Smart Cities.	
IITEMB-41	A Novel Approach to Provide Protection for Women by using Smart Security Device.	
IITEMB-42	On Improving GlovePi: Towards a Many-to-Many Communication among Deaf-blind Users.	
IITEMB-43	Improving Driver Warnings Accuracy using Low-cost Sensors.	
IITEMB-44	Secured and Green Data Processing and Transmission in a Human-Vehicle Interaction ADAS System.	
IITEMB-45	Intelligent Accident Detection Classification using Mobile Phones.	
IITEMB-46	WSN Based Anti-Poaching Alarm System for Trees in Forest	
IITEMB-47	Real-time on-Campus Public Transportation Monitoring System	
IITEMB-48	Secure Monitoring of Patients with Wandering Behavior in Hospital Environments.	IEEE-2018 BIOMEDICAL
IITEMB-49	Design of a Safety System for Elderly Wandering Person.	
IITEMB-50	Smart Bio-Services: Automatic Accident Detection and Ambulance Rescue System.	

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IITEMB-51	Detection of Drowsiness with eyes open using EEG Based Power Spectrum Analysis.	IEEE-2018 BIOMEDICAL
IITEMB-52	A Novel Cardiac Auscultation Monitoring System Based on Wireless Sensing for Healthcare.	
IITEMB-53	Smart Patient Medicine Reminder Pill Box with Health Monitoring.	
IITEMB-54	An IoT based Patient Health Monitoring System.	
IITEMB-55	Continuous heart rate monitoring and alerting system.	
IITEMB-56	Soldier Security and Health Monitoring.	
IITEMB-57	ATM Security Using Hand Vein Biometric Identification by wavelet transform algorithm.	IEEE-2018 BIOMETRICS
IITEMB-58	Liveness Detection and Automatic Template Updating Using Fusion of ECG and Fingerprint.	
IITEMB-59	Guided filter-based images fusion algorithm for CT and MRI medical images.	
IITEMB-60	In-Ear EEG Biometrics for Feasible and Readily Collectable Real-World Person Authentication.	
IITEMB-61	Implementation of Biometric Smart Card Using Multi Biometrics.	
IITEMB-62	Factory Automation and Irrigation Control in an IoT Environment.	IEEE-2018 AUTOMATION
IITEMB-63	Approximation and Temperature Control System via an Actuator and a Cloud: An Application Based on the automation for Smart Houses.	
IITEMB-64	Intelligent Agriculture Field Monitoring with Automatic Irrigation System.	
IITEMB-65	Optimizing Routine Collection Efficiency in Garbage Collection Monitoring Systems.	
IITEMB-66	A sewer sensor monitoring system based on embedded system.	
IITEMB-67	An ARM Based Wireless Sensors Network for Monitoring of Plants Health.	

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CODE	TOPICS	FIELD
IITEMB-68	Security and privacy solution for smart infrastructure health monitoring.	IEEE-2018 AUTOMATION
IITEMB-69	The development of quail eggs smart incubator for hatching system based on microcontroller and Internet of Things.	
IITEMB-70	Agricultural environment monitoring system using wireless sensor networks and IoT.	
IITEMB-71	Towards Safer Roads through cooperative Hazard Awareness and avoidance in connected Vehicles.	
IITEMB-72	Live Human Detecting Robot For Earthquake Rescue Operation.	IEEE-2018 ROBOTICS
IITEMB-73	Brain-Robot Interface-Based Navigation Control of a Mobile Robot in Corridor Environments	
IITEMB-74	Blind Navigation based on interactive Assistance Robot.	
IITEMB-75	Android Phone controlled voice and touch Screen operated smart wheelchair.	
IITEMB-76	Auto Calibrated Head Orientation Control for robotic wheel chair using MEMS Sensor.	
IITEMB-77	Door automation system based on speech command and PIN using Android smartphone.	IEEE-2018 AUTHENTICATION & SECURITY
IITEMB-78	Antitheft Protection of Vehicle by GSM with Vein Verification.	
IITEMB-79	ATM Security Using Hand Vein Biometric Identification by wavelet transform algorithm.	
IITEMB-80	Fingerprint and Iris Biometric controlled Smart Banking Machine Embedded with GSM Technology for OTP.	
IITEMB-81	Design and Implementation of Authentication for Smart Vehicle System	
IITEMB-82	Highly Secure Multiple Account Bank Affinity Card-A Successor for ATM Card.	
IITEMB-83	Door automation system based on speech command and PIN using Android smartphone.	

CODE	TOPICS	FIELD
IITEMB-84	Towards Intelligent Agricultural Service Platform with LoRa Based Wireless Sensor Network.	IEEE-2018 LORA TECHNOLOGY
IITEMB-85	An Experimental LoRa Performance Evaluation in Tree Form.	
IITEMB-86	Smart Electric Meter Using LoRa Protocols and IoT Applications	
IITEMB-87	We Safe: A Wearable IoT Sensor Node for Safety Application via LoRa.	
IITEMB-88	Health Monitoring of Patients Who Has Wandering Behaviour Using LoRa Technology.	
IITEMB-89	LoRa Based Smart Garbage alert system and Public awareness intimation using Wireless sensor network.	
IITEMB-90	LoRa based renewable energy monitoring system with open IoT platform.	

Engineering Solutions

IMAGE PROCESSING

CODE	TOPICS	FIELD
IITDIP-1	Hybrid robust iris recognition approach using iris image pre-processing, two dimensional Gabor features and multi-layer perceptron neural network/PSO.	IEEE-2018 IMAGE PROCESSING
IITDIP-2	Improved license plate localization algorithm based on morphological operations.	
IITDIP-3	Automatic Lung Segmentation with Juxta-Pleural Nodule Identification Using Active Contour Model and Bayesian Approach.	
IITDIP-4	A Robust Image Watermarking Technique with an Optimal DCT-Psychovisual Threshold.	
IITDIP-5	Secure and Robust Fragile Watermarking Scheme for Medical Images.	
IITDIP-6	Guided filter-based images fusion algorithm for CT and MRI medical images	
IITDIP-7	Fusion of structural and textural features for melanoma recognition	
IITDIP-8	Liveness Detection and Automatic Template Updating Using Fusion of ECG and Fingerprint	
IITDIP-9	Multi-stage ranking approach for fast person re-identification	
IITDIP-10	In -Ear EEG Biometrics for Feasible and Readily Collectable Real-World Person Authentication	
IITDIP-11	Enhancing person re-identification by late fusion of low-, mid- and high-level features	
IITDIP-12	Illumination pre-processing method for face recognition using 2D DWT and CLAHE	
IITDIP-13	The excellent properties of a dense grid-based HOG feature on face recognition compared to Gabor and LBP	
IITDIP-14	Fake Colorized Image Detection	
IITDIP-15	Perceptually motivated enhancement method for non-uniformly illuminated images	

IMAGE PROCESSING

CODE	TOPICS	FIELD
IITDIP-16	Impact of ICA-Based Image Enhancement Technique on Retinal Blood Vessels Segmentation	IEEE-2018 IMAGE PROCESSING
IITDIP-17	Color Retinal Image Enhancement Based on Luminosity and Contrast Adjustment	
IITDIP-18	Color image encryption algorithm using one-time key and FRFT	
IITDIP-19	Secure and Robust Digital Image Watermarking Using Coefficient Differencing and Chaotic Encryption	
IITDIP-20	Visual Saliency Detection Using Spatiotemporal Decomposition	
IITDIP-21	Emotion recognition from facial expressions using hybrid feature descriptors	
IITDIP-22	Facial Expression Recognition in Video with Multiple Feature Fusion	
IITDIP-23	Sparse representation-based face recognition against expression and illumination	
IITDIP-24	Local robust sparse representation for face recognition with single sample per person	
IITDIP-25	Robust face recognition via non-linear correlation filter bank	
IITDIP-26	Facial expression recognition using intra-class variation reduced features and manifold regularization dictionary pair learning	
IITDIP-27	Robust Feature-Based Automated Multi-View Human Action Recognition System	
IITDIP-28	An Automated System for the Detection and Classification of Retinal Changes Due to Red Lesions in Longitudinal Fundus Images	
IITDIP-29	Robust retinal blood vessel segmentation using line detectors with multiple masks	
IITDIP-30	Automatic Detection of Retinal Lesions for Screening of Diabetic Retinopathy	

IMAGE PROCESSING

CODE	TOPICS	FIELD
IITDIP-31	Real-time vehicle detection and counting in complex traffic scenes using background subtraction model with low-rank decomposition	IEEE-2018 IMAGE PROCESSING
IITDIP-32	Joint Headlight Pairing and Vehicle Tracking by Weighted Set Packing in Nighttime Traffic Videos	
IITDIP-33	Bayes Saliency-Based Object Proposal Generator for Nighttime Traffic Images	
IITDIP-34	Automated method for the detection and segmentation of drusen in colour fundus image for the diagnosis of age-related macular degeneration	
IITDIP-35	Detection of Glaucoma Using Cup to Disc Ratio from Spectral Domain Optical Coherence Tomography Images	
IITDIP-36	Single Image De-Hazing Using Globally Guided Image Filtering	
IITDIP-37	Saliency-based dark channel prior model for single image haze removal	
IITDIP-38	A Framework for Outdoor RGB Image Enhancement and Dehazing	
IITDIP-39	Generalization of the Dark Channel Prior for Single Image Restoration	
IITDIP-40	Colour image retrieval based on the hypergraph combined with a weighted adjacent structure	

Engineering Solutions

CODE	TITLES	FIELD
IITVL-1	A Low-Power High-Speed Comparator for Precise Applications	IEEE-2018 - 2019 ANALOG AMS , DSP
IITVL-2	A High Performance Gated Voltage Level Translator with Integrated Multiplexer	
IITVL-3	Low-Power and Fast Full Adder by Exploring New XOR and XNOR Gates	
IITVL-4	Design of Area-Efficient and Highly Reliable RHBD 10T Memory Cell for Aerospace Applications	
IITVL-5	High speed and low power preset-able modified TSPC D flip-flop design and performance comparison with TSPC D flip-flop	
IITVL-6	Low Power 4x4 Bit Multiplier Design using Dadda Algorithm and Optimized Full Adder	
IITVL-7	Fractional- Order Differentiators and Integrators with Reduced Circuit Complexity	
IITVL-8	Low Leakage Fully Half-Select-Free Robust SRAM Cells with BTI Reliability Analysis	
IITVL-9	Area and Power Efficient VLSI Architecture of Distributed Arithmetic Based LMS Adaptive Filter	
IITVL-10	An Efficient VLSI Architecture for Convolution Based DWT Using MAC	
IITVL-11	VLSI design of low-cost and high-precision fixed-point reconfigurable FFT processors	
IITVL-12	FIR Filter Design Based On FPGA	
IITVL-13	Tap Delay-and-Accumulate Cost Aware Coefficient Synthesis Algorithm for the Design of Area-Power Efficient FIR Filters.	
IITVL-14	Novel High speed Vedic Multiplier proposal incorporating Adder based on Quaternary Signed Digit number system	
IITVL-15	FPGA Implementation of an Improved Watchdog Timer for Safety-critical Applications	
IITVL-16	Low-Complexity VLSI Design of Large Integer Multipliers for Fully Homomorphic Encryption	

CODE	TOPICS	FIELD
IITVL-17	Binary To Gray Code Converter Implementation Using QCA	IEEE-2018 -2019 QCA TECHNOLOGY, FPGA
IITVL-18	A Novel Design of Flip-Flop Circuits using Quantum Dot Cellular Automata (QCA)	
IITVL-19	A Novel Five-input Multiple-function QCA Threshold Gate	
IITVL-20	A Low Error Energy-Efficient Fixed-Width Booth Multiplier with Sign-Digit-Based Conditional Probability Estimation	
IITVL-21	An Approach to LUT Based Multiplier for Short Word Length DSP Systems	
IITVL-22	EEG Signal Denoising based on Wavelet Transform using Xilinx System Generator.	
IITVL-23	Unbiased Rounding for HUB Floating-point Addition	
IITVL-24	A Low-Power Yet High-Speed Configurable Adder for Approximate Computing	
IITVL-25	A Low-Power High-Speed Accuracy-Controllable Approximate Multiplier Design	
IITVL-26	The Design and Implementation of Multi – Precision Floating Point Arithmetic Unit Based on FPGA	
IITVL-27	Chip Design for Turbo Encoder Module for In-Vehicle System	

CSE / IT

CODE	TOPICS	FIELD
IITECH01	Catch You if You Misbehave: Ranked Keyword Search Results Verification in Cloud Computing	IEEE-2018 CLOUD COMPUTING
IITECH02	Fast and Reliable Restoration Method of Virtual Resources on Open Stack	
IITECH03	Space-Efficient Verifiable Secret Sharing Using Polynomial Interpolation	
IITECH04	Three-Server Swapping for Access Confidentiality	
IITECH05	Towards Privacy Preserving Publishing of Set-Valued Data on Hybrid Cloud	
IITECH06	A Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing	
IITECH07	Translating Algorithms to Handle Fully Homomorphic Encrypted Data on the Cloud	
IITECH08	Chaotic Searchable Encryption for Mobile Cloud Storage	
IITECH09	Efficient Skew Handling for Outer Joins in a Cloud Computing Environment	
IITECH10	Translating Algorithms to Handle Fully Homomorphic Encrypted	
IITECH11	A Three-Layer Privacy Preserving Cloud Storage Scheme Based on Computational Intelligence in Fog Computing	
IITECH12	Achieving Secure and Efficient Dynamic Searchable Symmetric Encryption over Medical Cloud Data	
IITECH13	An Efficient and Privacy-Preserving Biometric Identification Scheme in Cloud Computing	
IITECH14	An Efficient Ranked Multi-Keyword Search for Multiple Data Owners Over Cloud Data	
IITECH15	Cloud Log Assuring Soundness and Secrecy Scheme for Cloud Forensics	
IITECH16	Division and Replication of Data in Cloud for Optimal Performance and Security	
IITECH17	Efficient and Expressive Keyword Search over Encrypted Data in Cloud	

CSE / IT

CODE	TOPICS	FIELD
IITECH18	Efficient Fine-Grained Data Sharing Mechanism for Electronic Medical Record Systems with Mobile Devices	IEEE-2018 CLOUD COMPUTING
IITECH19	Efficient Traceable Authorization Search System for Secure Cloud Storage	
IITECH20	Fine-Grained Two-Factor Protection Mechanism for Data Sharing in Cloud Storage	
IITECH21	Inference Attack-Resistant E-Healthcare Cloud System with Fine Grained Access Control	
IITECH22	Lightweight and Privacy-Preserving Delegatable Proofs of Storage with Data Dynamics in Cloud Storage	
IITECH23	Privacy Preservation for Outsourced Medical Data With Flexible Access Control	
IITECH24	Privacy Protection and Intrusion Avoidance for Cloudlet-based Medical Data Sharing	
IITECH25	Provably Secure Fine-Grained Data Access Control over Multiple Cloud Servers in Mobile Cloud Computing Based Healthcare Applications	
IITECH26	Secure and Efficient Attribute-Based Access Control for Multiauthority Cloud Storage	
IITECH27	Secure Data Group Sharing and Dissemination with Attribute and Time Conditions in Public Cloud	
IITECH28	SeSPHR: A Methodology for Secure Sharing of Personal Health Records in the Cloud	
IITECH29	Towards Privacy-preserving Content-based Image Retrieval in Cloud Computing	
IITECH30	Audit-Free Cloud Storage via Deniable Attribute-based Encryption	
IITECH31	CLASS: Cloud Log Assuring Soundness and Secrecy Scheme for Cloud Forensics	
IITECH32	Combining Data Owner-side and Cloud-side Access Control for Encrypted Cloud Storage	
IITECH33	Crypt-Cloud: Secure and Expressive Data Access Control for Cloud Storage	

CSE / IT

CODE	TOPICS	FIELD
IITECH34	A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining	IEEE-2018 DATA MINING
IITECH35	Learning Multiple Factors-Aware Diffusion Models in Social Networks	
IITECH36	Multi-Instance Learning with Discriminative Bag Mapping	
IITECH37	Profit Maximization for Viral Marketing in Online Social Networks: Algorithms and Analysis	
IITECH38	Reverse k nearest Neighbor Search over Trajectories	
IITECH39	Structure Based User Identification across Social Networks	
IITECH40	Supervised Topic Modeling Using Hierarchical Dirichlet Process-Based Inverse Regression: Experiments on E-Commerce Applications	
IITECH41	Web Media and Stock Markets: A Survey and Future Directions from a Big Data Perspective	
IITECH42	Efficient Parameter Estimation for Information Retrieval Using Black-Box Optimization	
IITECH43	Exploring Hierarchical Structures for Recommender Systems Product Adoption Rate Prediction in a Competitive Market	
IITECH44	Range Queries on Multi-Attribute Trajectories	
IITECH45	Search Result Diversity Evaluation Based on Intent Hierarchies	
IITECH46	Health Monitoring on Social Media over Time	
IITECH47	On Generalizing Collective Spatial Keyword Queries	
IITECH48	Online Product Quantization	
IITECH49	When to Make a Topic Popular Again? A Temporal Model for Topic Re-hotting Prediction in Online Social Networks	
IITECH50	Privacy Characterization and Quantification in Data Publishing	
IITECH51	CoDetect: Financial Fraud Detection With Anomaly Feature Detection	

CSE / IT

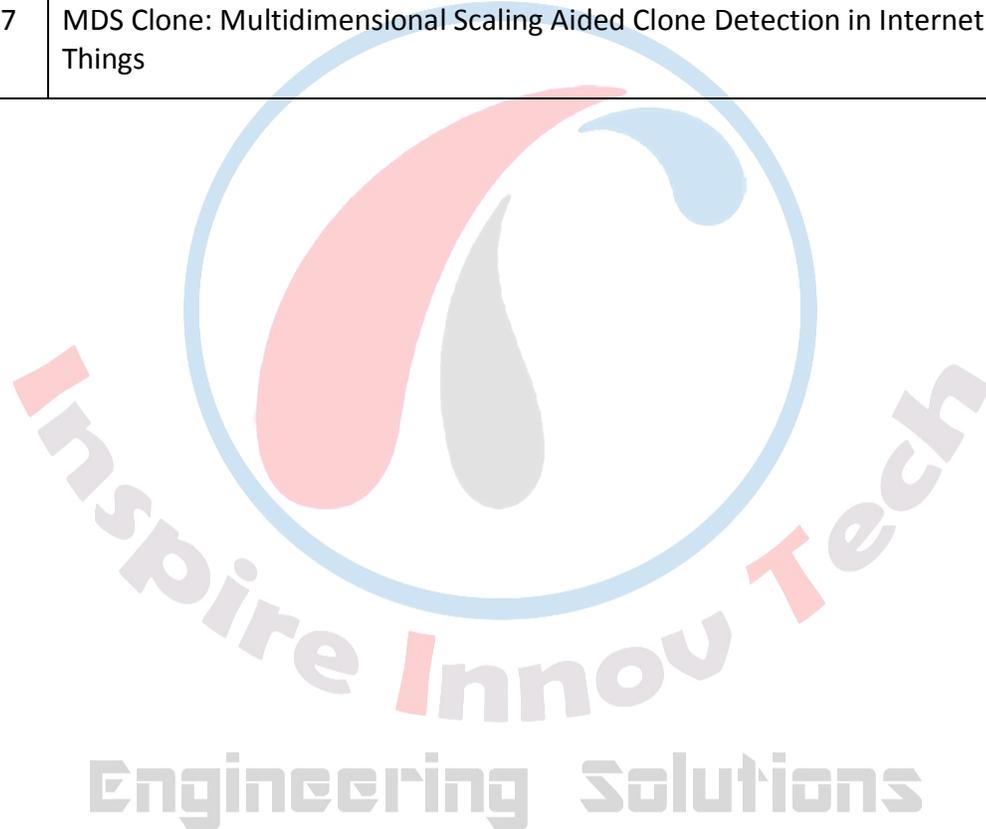
CODE	TOPICS	FIELD
IITECH52	A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining	IEEE 2018 MACHINE LEARNING
IITECH53	A Credibility Analysis System for Assessing Information on Twitter	
IITECH54	A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing	
IITECH55	Credit Card Fraud Detection Using AdaBoost and Majority Voting	
IITECH56	Hate Speech on Twitter: A Pragmatic Approach to Collect Hateful and Offensive Expressions and Perform Hate Speech Detection	
IITECH57	Performance Comparison of Support Vector Machine, Random Forest, and Extreme Learning Machine for Intrusion Detection	
IITECH58	Supervised and Unsupervised Aspect Category Detection for Sentiment Analysis With Co-Occurrence Data	
IITECH59	Predict Hospital Admissions From the Emergency Department	
IITECH60	Energy Efficient Link-Delay Aware Routing in Wireless Sensor Networks	
IITECH61	GeTrust: A guarantee-based trust model in Chord-based P2P networks	
IITECH62	PROVEST: Provenance-based Trust Model for Delay Tolerant Networks	
IITECH63	Traffic and Energy Aware Routing for Heterogeneous Wireless Sensor Networks	
IITECH64	Immutable Authentication and Integrity Schemes for Outsourced Databases	
IITECH65	Accurate Recovery of Internet Traffic Data: A Sequential Tensor Completion Approach	
IITECH66	Distributed Packet Forwarding and Caching Based on Stochastic Network Utility Maximization	
IITECH67	Attack Vulnerability of Power Systems under an Equal Load Redistribution Model	
IITECH68	On the Efficiency of FHE-Based Private Queries	
IITECH69	End-to-End Detection of Caller ID Spoofing Attacks	

CODE	TOPICS	FIELD
IITECH70	Design, Analysis, and Implementation of ARPKI: An Attack-Resilient Public-Key Infrastructure	IEEE 2018 NETWORK SECURITY
IITECH71	On the Efficiency of FHE-Based Private Queries	
IITECH72	PDA: Semantically Secure Time-Series Data Analytics with Dynamic User Groups	
IITECH73	Shadow Attacks Based on Password Reuses: A Quantitative Empirical Analysis	
IITECH74	A Shoulder Surfing Resistant Graphical Authentication System	
IITECH75	Randomness Tests in Hostile Environments	
IITECH76	A System Theoretic Approach to the Security Threats in Cyber Physical Systems Applied to Stuxnet	
IITECH77	Efficient and Expressive Keyword Search over Encrypted Data in Cloud	
IITECH78	Searchable Encryption over Feature-Rich Data	
IITECH79	Recurring Contacts between Groups of Devices: Analysis and Application	IEEE2018 MOBILE COMPUTING
IITECH80	Energy Efficiency Maximization in Mobile Wireless Energy Harvesting Sensor Networks	
IITECH81	Energy-Aware Dual-Path Geographic Routing to Bypass Routing Holes in Wireless Sensor Networks	
IITECH82	SLIDE: A Straight Line Conflict Detection and Alerting Algorithm for Multiple Unmanned Aerial Vehicles	
IITECH83	A Predictive Model for User Motivation and Utility Implications of Privacy-Protection Mechanisms in Location Check-Ins	
IITECH84	Motivating Human-Enabled Mobile Participation for Data Offloading	
IITECH85	Two-Hop Distance-Bounding Protocols: Keep Your Friends Close	
IITECH86	SLAC: Calibration-Free Pedometer-Fingerprint Fusion for Indoor Localization	

CSE / IT

CODE	TOPICS	FIELD
IITECH87	An Efficient Bit-Detecting Protocol for Continuous Tag Recognition in Mobile RFID Systems	IEEE 2018 MOBILE COMPUTING
IITECH88	Sensor-Assisted Multi-View Face Recognition System on Smart Glass	
IITECH89	Distributed Faulty Node Detection in Delay Tolerant Networks: Design and Analysis	
IITECH90	Efficient Privacy-Aware Authentication Scheme for Mobile	
IITECH91	Identifying On-site Users for Social Events: Mobility, Content, and Social Relationship	
IITECH92	Protecting Location Privacy for Task Allocation in Ad Hoc Mobile Cloud Computing	
IITECH93	A Hybrid Approach for Detecting Automated Spammers in Twitter	IEEE2018 SECURE COMPUTING
IITECH94	A Provably-Secure Cross-Domain Handshake Scheme with Symptoms-Matching for Mobile Healthcare Social Network	
IITECH95	Anonymization of Sensitive Quasi-Identifiers for l-Diversity and t-Closeness	
IITECH96	Collective Data-Sanitization for Preventing Sensitive Information Inference Attacks in Social Networks	
IITECH97	Exploiting Social Network to Enhance Human-to-Human Infection Analysis without Privacy Leakage	
IITECH98	An Approach to Biometric Identification by Using Low-Frequency Eye Tracker	
IITECH99	Relevant Feedback Based Accurate and Intelligent Retrieval on Capturing User Intention for Personalized Websites	IEEE 2018 SOCIAL NETWORKING
IITECH100	A Three-Level Hidden Bayesian Link Prediction Model in Social Networks	
IITECH101	Analyzing and Detecting Money-Laundering Accounts in Online Social Networks	
IITECH102	Detection of suicide-related posts in Twitter data	
IITECH103	Risk Assessment in Social Networks based on User Anomalous Behaviors	
IITECH104	Segregating Spammers and Unsolicited Bloggers from Genuine Experts on Twitter	

CODE	TOPICS	FIELD
IITECH-105	Cloud-based Fine-grained Health Information Access Control Framework for Lightweight IoT Devices with Dynamic Auditing and Attribute Revocation	IEEE 2018 IOT
IITECH-106	Light-Weight Security and Data Provenance for Multi-Hop Internet of Things	
IITECH-107	MDS Clone: Multidimensional Scaling Aided Clone Detection in Internet of Things	



POWER ELECTRONICS

CODE	TITLES	FIELD
IITPE-1	A Modified Single-Phase Transformerless Y-Source PV Grid-Connected Inverter	IEEE-2018 - 2019 PV(SOLAR) APPLICATIONS
IITPE-2	An Improved H5 Topology with Low Common-mode Current for Transformerless PV Grid-connected Inverter	
IITPE-3	A Grid-Connected Single-Phase Transformerless Inverter Controlling Two Solar PV Arrays Operating Under Different Atmospheric Conditions	
IITPE-4	A Buck and Boost Based Grid Connected PV Inverter Maximizing Power Yield From Two PV Arrays in Mismatched Environmental Conditions	
IITPE-5	Design and implementation of single-phase inverter without transformer for PV applications	
IITPE-6	A Transformer less Single-Phase Symmetrical Z Source HERIC Inverter with Reduced Leakage Currents for PV Systems	
IITPE-7	A Distributed Power Control of Series-Connected Module-Integrated Inverters for PV Grid-Tied Applications	
IITPE-8	An Improved Hybrid Modulation Method for the Single-Phase H6 Inverter With Reactive Power Compensation	
IITPE-9	A Three-Phase Grid-Connected Microinverter for AC Photovoltaic Module Applications	
IITPE-10	H8 Inverter to Reduce Leakage Current in Transformer less Three-Phase Grid-Connected Photovoltaic systems	
IITPE-11	Modified Single-Phase Single-Stage Grid-Tied Flying Inductor Inverter With MPPT and Suppressed Leakage Current	
IITPE-12	High-Efficiency Two-Stage Three-Level Grid-Connected Photovoltaic Inverter	
IITPE-13	Three-Phase Quasi-Z-Source Inverter With Constant Common-Mode Voltage for Photovoltaic Application	
IITPE-14	Integrated DC–DC Converter Based Grid-Connected Transformerless Photovoltaic Inverter With Extended Input Voltage Range	
IITPE-15	Implementation of a Grid-Integrated PV-Battery System for Residential and Electrical Vehicle Applications	

POWER ELECTRONICS

CODE	TOPICS	FIELD
IITPE-16	A Hybrid Resonant ZVZCS Three-Level Converter for MVDC-Connected Offshore Wind Power Collection Systems	IEEE-2018 -2019 WIND ENERGY CONVERSION SYSTEM, PV SYSTEM
IITPE-17	Hybrid ANFIS-GA-based control scheme for performance enhancement of a grid-connected wind generator	
IITPE-18	Low Dissipative Snubber Using Flyback-Type Transformer for Wind Turbine Systems	
IITPE-19	Power electronic interface with de-coupled control for wind-driven PMSG feeding utility grid and DC load	
IITPE-20	Reliability Improvement for a High-Power IGBT in Wind Energy Applications	
IITPE-21	Reducing Harmonic Instability and Resonance Problems in PMSG-Based Wind Farms	
IITPE-22	Design and Implementation of Active Power Control With Improved P&O Method for Wind-PV-Battery-Based Standalone Generation System	
IITPE-23	Proposal of a Photovoltaic AC-Module With a Single Stage Transformerless Grid-Connected Boost Microinverter	
IITPE-24	Leakage Current Suppression of Three-Phase Flying Capacitor PV Inverter With New Carrier Modulation and Logic Function	
IITPE-25	Control and operation of a solar PV-battery-grid-tied system in fixed and variable power mode	
IITPE-26	Real-time implementation of optimal operation of single-stage grid interfaced PV system under weak grid conditions	
IITPE-27	Power management in PV-battery-hydro based standalone microgrid	
IITPE-28	Multifunctional Three-Phase Four-Leg PV-SVSI With Dynamic Capacity Distribution Method	
IITPE-29	PV Battery Charger Using an L3C Resonant Converter for Electric Vehicle Applications	
IITPE-30	MPPT Method for PV Systems Under Partially Shaded Conditions by Approximating I–V Curve	
IITPE-31	A Single-Phase Asymmetrical T-Type Five-Level Transformerless PV Inverter	

POWER ELECTRONICS

CODE	TOPICS	FIELD
IITPE-32	Fuzzy Logic-Based Energy Management System Design for Residential Grid-Connected Microgrids	IEEE-2018 - 2019 HYBRID SYSTEMS AND ENERGY STORAGE, WPT, SMART GRID
IITPE-34	Isolated Single Stage Bidirectional AC-DC converter with power decoupling and reactive power control to interface battery with the single phase grid	
IITPE-35	Soft-switched Non-Isolated High Step-up Three-port DC-DC converter for Hybrid Energy Systems	
IITPE-36	Frequency Division Based Coordinated Control of Three-Port Converter Interfaced Hybrid Energy Storage Systems in Autonomous DC Microgrids	
IITPE-37	A Uniform Control Strategy for the Interlinking Converter in Hierarchical Controlled Hybrid AC/DC Microgrids	
IITPE-38	A Battery/Ultracapacitor Hybrid Energy Storage System for Implementing the Power Management of Virtual Synchronous Generators	
IITPE-39	Supervisory Power Quality Control Scheme for a Grid-Off Microgrid	
IITPE-40	Hybrid Energy Storage System Microgrids Integration for Power Quality Improvement Using Four-Leg Three-Level NPC Inverter and Second-Order Sliding Mode Control	
IITPE-41	A New Controller for Bidirectional Wireless Power Transfer Systems	
IITPE-42	Implementation of the Constant Current and Constant Voltage Charge of Inductive Power Transfer Systems with the Double-Sided LCC Compensation Topology for Electric Vehicle Battery Charge Applications	
IITPE-43	High Power Density Z-Source Resonant Wireless Charger with Line Frequency Sinusoidal Charging	
IITPE-44	Single-Stage Wireless-Power-Transfer Resonant Converter With Boost Bridgeless Power-Factor-Correction Rectifier	
IITPE-45	Hybrid Control of High-Efficient Resonant Converter for Renewable Energy System	
IITPE-46	Micro-inverter based on single-ended primary-inductance converter topology with an active clamp power decoupling	
IITPE-47	Modular soft-switching converter in DC micro-grid system applications	
IITPE-48	Droop control strategy of the AC/DC hybrid micro-grid based on quasi-PR control	

POWER ELECTRONICS

CODE	TOPICS	FIELD
IITPE-49	Quasi-Z-Source Indirect Matrix Converter Fed Induction Motor Drive for Flow Control of Dye in Paper Mill	IEEE 2018 DRIVES, BI DIRECTIONAL CONVERTER, ELECTRIC VEHICLE
IITPE-50	BLDC Motor Drive Based on Bridgeless Landsman PFC Converter With Single Sensor and Reduced Stress on Power Devices	
IITPE-51	DC-Link Capacitor-Current Ripple Reduction in DPWM-Based Back-to-Back Converters	
IITPE-52	A Single-Stage Sensorless Control of a PV based Bore-Well Submersible BLDC Motor	
IITPE-53	Improved Finite Control-Set Model-Based Direct Power Control of BLDC Motor with Reduced Torque Ripple	
IITPE-54	High-Precision Sensorless Drive for High-Speed BLDC Motors Based on the Virtual Third Harmonic Back-EMF	
IITPE-55	Commutation Torque Ripple Reduction in the BLDC Motor Using Modified SEPIC and Three-Level NPC Inverter	
IITPE-56	Improved Modulation Strategy Using Dual Phase Shift Modulation for Active Commutated Current-Fed Dual Active Bridge	
IITPE-57	A Switched-Capacitor Bidirectional DC-DC Converter with Wide Voltage Gain Range for Electric Vehicles with Hybrid Energy Sources	
IITPE-58	A Common Ground Switched-Quasi-Z-Source Bidirectional DC-DC Converter With Wide-Voltage-Gain Range for EVs With Hybrid Energy Sources	
IITPE-59	A Quadruple Active Bridge Converter for the Storage Integration on the More Electric Aircraft	
IITPE-60	On an Electric Scooter With G2V/V2H/V2G and Energy Harvesting Functions	
IITPE-61	PV Battery Charger Using an L3C Resonant Converter for Electric Vehicle Applications	
IITPE-62	High Efficiency Bridgeless Single-Power-Conversion Battery Charger for Light Electric Vehicles	
IITPE-63	A PWM LLC Type Resonant Converter Adapted to Wide Output Range in PEV Charging Applications.	

POWER ELECTRONICS

CODE	TOPICS	FIELD
IITPE-64	Plug-in Hybrid Electric Vehicles (PHEVs): Replacing Internal Combustion Engine with Clean and Renewable Energy Based Auxiliary Power Sources	IEEE 2018 - 2019 Z SOURCE AND SEPIC CONVERTER
IITPE-65	Implementation of a Grid-Integrated PV-Battery System for Residential and Electrical Vehicle Applications	
IITPE-66	Modeling, Design, Control, and Implementation of a Modified Z-Source Integrated PV/Grid/EV DC Charger/Inverter	
IITPE-67	Isolated SEPIC DC-DC Converter With Ripple-Free Input Current and Lossless Snubber	
IITPE-68	A High Performance Impedance-Source Converter with Switched Inductor	
IITPE-69	High Step-Up Quasi-Z Source DC-DC Converter	
IITPE-70	Study on A High Voltage Gain SEPIC-Based DC-DC Converter with Continuous Input Current for Sustainable Energy Applications	
IITPE-71	Single-Phase Hybrid Switched-Capacitor Voltage-Doubler SEPIC PFC Rectifiers	
IITPE-72	Hybrid Switched-Capacitor/Switched-Quasi-Z-Source Bidirectional DC-DC Converter With Wide-Voltage-Gain Range for Hybrid Energy Sources EVs	
IITPE-73	Zero-Voltage and Zero-Current Switching PWM DC-DC Converter Using Controlled Secondary Rectifier With One Active Switch and Non dissipative Turn-Off Snubber	
IITPE-74	Hybrid Control of Single-Inductor Multiple-Output Converters	
IITPE-75	Analysis and Design of an Input-Series Two-Transistor Forward Converter For High-Input Voltage Multiple-Output Applications	
IITPE-76	An Independently Controlled Single-PWM Multiple-Output Narrow-Band Resonant Converter	
IITPE-77	A Hybrid Resonant ZCS PWM Converter for Renewable Energy Sources Connecting to MVDC Collection System	
IITPE-78	A New ZVS Full-Bridge DC-DC Converter for Battery Charging With Reduced Losses Over Full-Load Range	

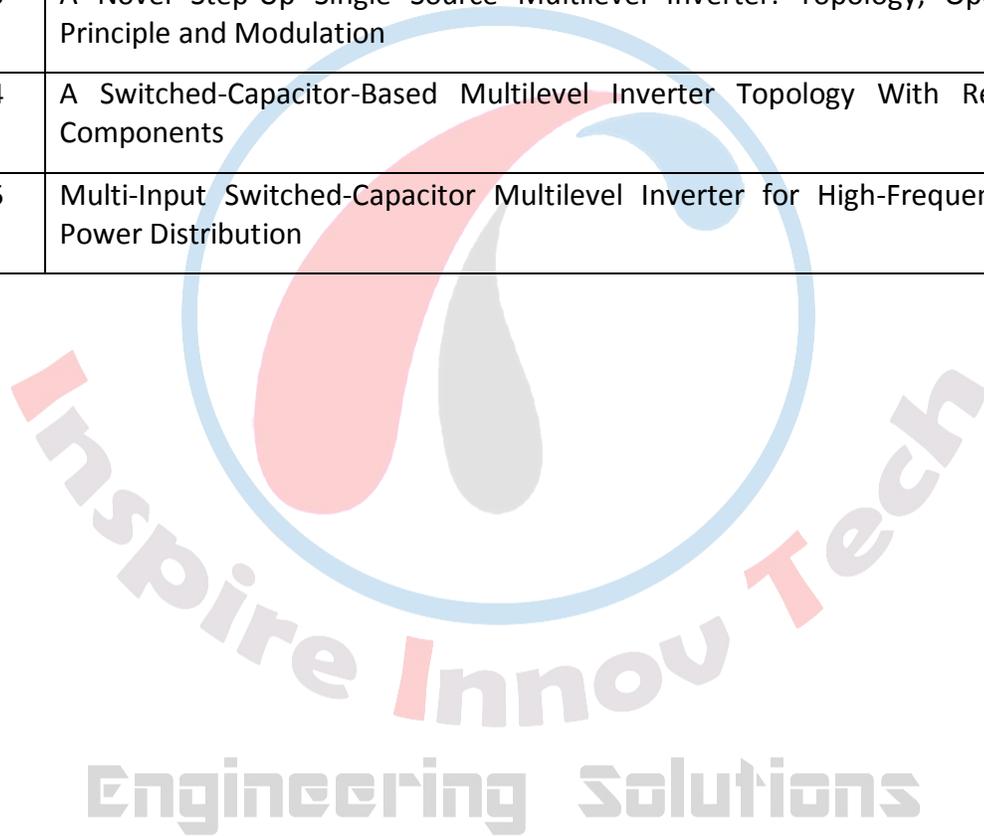
POWER ELECTRONICS

CODE	TOPICS	FIELD
IITPE-79	Interleaved-Input Series-Output Ultra High Voltage Gain DC-DC Converter	IEEE 2018 -2019 PFC AND INTERLEAVED CONVERTER, HIGH VOLTAGE
IITPE-80	Advanced Digital Controller for Improving Input Current Quality of Integrated Active Virtual Ground-Bridgeless PFC	
IITPE-81	Multitrack Power Factor Correction Architecture	
IITPE-82	Family of ZVT Interleaved Converters With Low Number of Components	
IITPE-83	Combined Multilevel and Two-Phase Interleaved LLC Converter With Enhanced Power Processing Characteristics and Natural Current Sharing	
IITPE-84	Interleaved Current-Driven Phase-Shift Full-Bridge Converter With Magnetic Integration and Voltage Doubler Rectifiers	
IITPE-85	New Bridgeless Buck PFC Converter with Improved Input Current and Power Factor	
IITPE-86	A Wide-Input-Range High-Efficiency Step-down Power Factor Correction Converter Using Variable Frequency Multiplier Technique	
IITPE-87	Improvement of Power-Conversion Efficiency of AC-DC Boost Converter Using 1:1 Transformer	
IITPE-88	High Step-Up DC-DC Converter with Active Soft-Switching and Voltage Clamping for Renewable Energy Systems	
IITPE-90	High-Efficiency High Step-Up DC-DC Converter With Dual Coupled Inductors for Grid-Connected Photovoltaic Systems	
IITPE-91	High Step-Up Resonant DC-DC Converter With Ripple-Free Input Current for Renewable Energy Systems	
IITPE-92	Analysis and Design of High-Efficiency Hybrid High Step-Up DC-DC Converter for Distributed PV Generation Systems	
IITPE-93	Voltage-Lift Technique Based Non isolated Boost DC-DC Converter: Analysis and Design	
IITPE-94	High Step-Up Coupled-Inductor Cascade Boost DC-DC Converter With Lossless Passive Snubber	
IITPE-95	Synthesis and Comparative Analysis of Very High Step-Up DC-DC Converters Adopting Coupled-Inductor and Voltage Multiplier Cells	

CODE	TOPICS	FIELD
IITPE-96	Nonisolated Harmonics-Boosted Resonant DC/DC Converter With High-Step-Up Gain	IEEE 2018 - 2019 LED APPLICATIONS , CUK AND RESONANT CONVERTER , INVERTERS
IITPE-97	Modified High-Efficiency LLC Converters With Two Split Resonant Branches for Wide Input-Voltage Range Applications	
IITPE-98	A Voltage Quadrupler Rectifier Based Pulse-Width-Modulated LLC Converter with Wide Output Range	
IITPE-99	Dynamic Modeling and Controller Design of Dual-Mode Cuk Inverter in Grid-Connected PV/TE Applications	
IITPE-100	Improved Power Quality Switched Inductor Cuk Converter for Battery Charging Application	
IITPE-101	Isolated Bidirectional DC-DC Converter with Quasi-Resonant Zero-Voltage Switching for Battery Charge Equalization	
IITPE-102	Photovoltaic AC Module Based on a Cuk Converter with a Switched-Inductor Structure	
IITPE-103	An AC-DC LED Driver with an Additional Active Rectifier and a Unidirectional Auxiliary Circuit for AC Power Ripple Isolation	
IITPE-104	Loss Analysis for Efficiency Improvement of the Integrated Buck-Flyback LED Driver	
IITPE-105	A PFC Single-Coupled-Inductor Multiple-Output LED Driver without Electrolytic Capacitor	
IITPE-106	A Single-Stage Integrated Boost-LLC AC-DC Converter with Quasi-Constant Bus Voltage for Multi-channel LED Street-Lighting Applications	
IITPE-107	A Single-Phase Single-Stage Switched-Boost Inverter With Four Switches	
IITPE-108	Decentralized Control for Fully Modular Input-Series Output-Parallel (ISOP) Inverter System Based on the Active Power Inverse-Droop Method	
IITPE-109	Buck-Boost Dual-Leg-Integrated Step-Up Inverter With Low THD and Single Variable Control for Single-Phase High-Frequency AC Microgrids	
IITPE-110	Performance Evaluation of the Single-Phase Split-Source Inverter Using an Alternative DC-AC Configuration	

POWER ELECTRONICS

CODE	TOPICS	FIELD
IITPE-111	An Isolated Multi-Input ZCS DC–DC Front-End-Converter Based Multilevel Inverter for the Integration of Renewable Energy Sources	IEEE2018 - 2019 MULTILEVEL INVERTERS
IITPE-112	A 5-level High Efficiency Low Cost Hybrid Neutral Point Clamped Transformerless Inverter for Grid Connected Photovoltaic Application	
IITPE-113	A Novel Step-Up Single Source Multilevel Inverter: Topology, Operating Principle and Modulation	
IITPE-114	A Switched-Capacitor-Based Multilevel Inverter Topology With Reduced Components	
IITPE-115	Multi-Input Switched-Capacitor Multilevel Inverter for High-Frequency AC Power Distribution	



POWER SYSTEMS

CODE	TITLES	FIELD
IITPS-1	Grid-Connected Symmetrical Cascaded Multilevel Converter for Power Quality Improvement	IEEE-2018 - 2019 STATCOM, HVDC, D-STATCOM
IITPS-2	DC Capacitor Voltage Balancing Control for Delta-Connected Cascaded H-Bridge STATCOM Considering Unbalanced Grid and Load Conditions	
IITPS-3	Dynamic Voltage Conditioner: A New Concept for Smart Low-Voltage Distribution Systems	
IITPS-4	Single-Phase to Three-Phase Unified Power Quality Conditioner Applied in Single-Wire Earth Return Electric Power Distribution Grids	
IITPS-5	Grid-Voltage-Oriented Sliding Mode Control for DFIG Under Balanced and Unbalanced Grid Faults	
IITPS-6	Analysis, Control, and Design of a Hybrid Grid-Connected Inverter for Renewable Energy Generation With Power Quality Conditioning	
IITPS-7	An Effective Voltage Controller for Quasi-Z-Source Inverter-Based STATCOM With Constant DC-Link Voltage	
IITPS-8	Synchronization and Reactive Current Support of PMSG based Wind Farm during Severe Grid Fault	
IITPS-9	Detailed Investigation and Performance Improvement of the Dynamic Behavior of Grid-Connected DFIG Based Wind Turbines under LVRT Conditions	
IITPS-10	New Insights Into Coupled Frequency Dynamics of AC Grids in Rectifier and Inverter Sides of LCC-HVDC Interfacing DFIG-Based Wind Farms	
IITPS-11	Operation of Three-Level Inverter-Based Shunt Active Power Filter Under Non ideal Grid Voltage Conditions With Dual Fundamental Component Extraction	
IITPS-12	Power Quality Improvement and PV Power Injection by DSTATCOM with Variable DC Link Voltage Control from RSC-MLC	
IITPS-13	Power Quality Improvement and PV Power Injection by DSTATCOM with Variable DC Link Voltage Control from RSC-MLC	
IITPS-14	Selective Harmonic Elimination Technique With Control of Capacitive DC-Link Voltages in an Asymmetric Cascaded H-Bridge Inverter for STATCOM Application	

POWER SYSTEMS

CODE	TOPICS	FIELD
IITPS-15	Voltage Limit Control of Modular Multilevel Converter Based Unified Power Flow Controller Under Unbalanced Grid Conditions	IEEE-2018 -2019 POWER QUALITY, LVRT, UPQC
IITPS-16	Design and Control of Microgrid Fed by Renewable Energy Generating Sources	
IITPS-17	A Transformer-Less Unified Power Quality Conditioner with Fast Dynamic Control	
IITPS-18	Flexible Compensation Strategy for Voltage Source Converter Under Unbalanced and Harmonic Condition Based on a Hybrid Virtual Impedance Method	
IITPS-19	Three-Phase Transformerless Shunt Active Power Filter With Reduced Switch Count for Harmonic Compensation in Grid-Connected Applications	
IITPS-20	A Multiple Improved Notch Filter Based Control for Single Stage PV System Tied to Weak Grid	
IITPS-21	Design and Performance Analysis of Three-Phase Solar PV Integrated UPQC	
IITPS-22	Sub- and Super-Synchronous Interactions Between STATCOMs and Weak AC/DC Transmissions With Series Compensations	
IITPS-23	PV-STATCOM: A New Smart Inverter for Voltage Control in Distribution Systems	
IITPS-24	Dynamic Analysis and Improved LVRT Performance of Multiple DG Units Equipped With Grid-Support Functions Under Unbalanced Faults and WeakGrid Conditions	
IITPS-24	Multi-Objective Dynamic Voltage Restorer with Modified EPLL Control and Optimized PI Controller Gains	

MECHANICAL

CODE	TITLES	FIELD
IITME-1	Design And Fabrication Of Compressed Air Engine	2018 - 2019 AUTOMOBILE PROJECTS
IITME-2	Design And Fabrication Of Portable Multi Agri cutter	
IITME-3	Fuel Efficiency Improvement In Petrol Engine By Using Water Injection	
IITME-4	Design And Fabrication Of Chainless Bicycle	
IITME-5	Design And Fabrication Of Automatic Break Failure Indicator And Engine Over Heating Alarm	
IITME-6	Design & Fabrication Of Maximum Power Solar Panel Tracking System.	
IITME-7	Design & Fabrication Of Multi Agri Cutter	
IITME-8	Design & Fabrication Of Gear Less Transmission	
IITME-9	Design & Fabrication Of Elimination Of Carbon Particles From Exhaust Gas	
IITME-10	Air Brake System Using Exhaust Gas	
IITME-11	Design & Fabrication Of Box Transport Mechanism	
IITME-12	Design & Fabrication Of Intermediate Shaft In A Power Transmission System	
IITME-13	Design & Fabrication Of 90 Degree Turning Steering Mechanism-Four Wheeler	
IITME-14	Design And Fabrication Of Automatic Foot Dust Cleaning Machine	
IITME-15	Design And Fabrication Of Anti-Lock Braking System	

MECHANICAL

CODE	TOPICS	FIELD
IITME-16	Design And Fabrication Of Wireless Tyre Pressure Monitoring System	2018 -2019 AUTOMOBILE PROJECTS
IITME-17	Design And Fabrication Of Cruise Speed Control For Two Wheeler	
IITME-18	Design And Fabrication Of Three In One Air Conditioner	
IITME-19	Design And Fabrication Of Pipe Bending Machine	
IITME-20	Design And Development Of Weight Operated Material Handling Device	
IITME-21	Design And Fabrication Motorized Screw Jack	
IITME-22	Design And Fabrication Of Pedal Operated Water Pumping System	
IITME-23	Design and Fabrication Of Automatic Clutch And Braking For Vehicle	
IITME-24	Design and Fabrication Of Automatic Differential Unit Locking System	
IITME-25	Design And Fabrication Of Automatic Gear Changer In Two Wheelers	
IITME-26	Design & Fabrication Of Hybrid Vehicles	
IITME-27	Design & Fabrication Of Gear Less Transmission	
IITME-28	Design & Fabrication Of Foldable Bicycle	
IITME-29	Design & Fabrication Of Industrial Forklift Project	
IITME-30	Design & Fabrication Of Sand Filter & Separator	
IITME-31	Design & Fabrication Of Multi Wheel Nut Remover And Tighter	

MECHANICAL

CODE	TOPICS	FIELD
IITME-32	Automatic Over Load And Optical Indicating System For Over Load Vehicle	2018 - 2019 AUTOMATION PROJECTS
IITME-34	Design And Fabrication Of Automatic Helmet Detection In Two Wheelers	
IITME-35	Design And Fabrication Of Automatic Planter Vehicle	
IITME-36	Design And Fabrication Of Digital Locking System For Two Wheeler	
IITME-37	Design And Fabrication Of Intelligent Head Light For Four Wheeler	
IITME-38	Design And Fabrication Of Mobile Conveyor System	
IITME-39	Fabrication Of Automatic Fuel Level And Gear Level Indicator In Two Wheeler	
IITME-40	Design And Fabrication Of Robotic Elevator	
IITME-41	Automatic Poor Quality Rejecter	
IITME-42	Automatic Pick And Place Robot	
IITME-43	Automatic Pressure Monitor And Cut Off System	
IITME-44	Fabrication Of Sensor Operated Automatic Ramming Machine	
IITME-45	Design & Fabrication Of Automatic Rain Operated Wiper	
IITME-46	Design & Fabrication Of Automatic Scrap Collecting Robot	
IITME-47	Design And Fabrication Of Active Headlight Steering Control With Brightness Control	
IITME-48	Design And Fabrication Of Automated Vehicle Based On Safety System	

MECHANICAL

CODE	TOPICS	FIELD
IITME-49	Hydraulic Mobile Crane	2018 - 2019 PNEUMATIC AND HYDRAULIC PROJECTS
IITME-50	Pneumatic Auto Feed Sheet Cutting Machine	
IITME-51	Hydraulic Injection Molding Machine	
IITME-52	Automatic Electro-Hydraulic Jack-Fully	
IITME-53	Automatic Pneumatic Bumper For Four Wheeler-Without Wheel Sensor	
IITME-54	Hydraulic Hammer	
IITME-55	Accident Preventing System For Automatic Pneumatic Printing Press	
IITME-56	Three Axis Pneumatic Modern Trailer	
IITME-57	Hydro-Pneumatic Vice With Pressure Booster	
IITME-58	Pneumatic Bearing Press	
IITME-59	Pneumatic Door Open-Close System	
IITME-60	Automatic Electro-Hydraulic Brake	
IITME-61	Automatic Pneumatic Vulcanizing Machine	
IITME-62	Pneumatic Pick And Place Robot	
IITME-63	Three Axis Pneumatic Modern Trailer	

CODE	TOPICS	FIELD
IITME-64	Pneumatic Sheet Bend Removing Machine	2018 – 2019 POWER GENERATION PROJECT
IITME-65	Pneumatic Four-Axis Material Handling Equipment	
IITME-66	Electrical Power Generation Using Speed Breaker	
IITME-67	Tread Mill Power Generation	
IITME-68	Helix Vertical Axis Wind Turbine	
IITME-69	Water Production From Air	
IITME-70	Door Power Generation	
IITME-71	Dual Power Generation System For Automobile (Thermoelectric And Exhaust Gas Power Generation)	
IITME-72	Design And Fabrication Of Tri Power Generation With Engine	
IITME-73	Turbo Charger-Exhaust Gas Method	
IITME-74	Electrical Power Generation Using Speed Breaker	
IITME-75	Dual Power Generation With Hybrid System	
IITME-76	Electricity And Water Pumping System Using Wind Mill	
IITME-77	Design And Fabrication Of Turbo Super Charger	
IITME-78	Multi-Functional Wind Mill	