# PROJECT TITLES IEEE DOMAIN – ARTIFICIAL INTELLIGENCE / DEEP LEARNING

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| ***S.NO*** | ***TITLES*** | ***YEAR*** |
| ***DL-01*** | ***DistractionGuard: A Smart Driver Distraction Detection***  ***System for Enhanced Road Safety*** | ***IEEE 2023*** |
| ***DL-02*** | ***FaceSecure: Unmasking Identity Theft in the Digital Age -***  ***Fortifying Cybersecurity & Safeguarding Personal Identities*** | ***IEEE 2023*** |
| ***DL-03*** | ***NeuroSight 3D: Elevating Glioma Segmentation and Grading with Attention-Guided AI*** | ***IEEE 2023*** |
| ***DL-04*** | ***Enhancing Real-Time Construction Safety: Computer Vision and Deep Learning for Behavior Detection*** | ***IEEE 2023*** |
| ***DL-05*** | ***AquaVision: Transforming Marine Object Recognition with***  ***Enhanced Deep Learning and Surveillance Technology*** | ***IEEE 2023*** |
| ***DL-06*** | ***Multi-Approach StomachNet Enhancing Stomach Cancer***  ***Diagnosis Through Diverse Algorithm Integration*** | ***IEEE 2023*** |
| ***DL-07*** | ***SafeRoadAI: Real-Time Accident Detection from Multi-Angle***  ***Crash Videos*** | ***IEEE 2023*** |
| ***DL-08*** | ***SafeCity Watch: Revolutionizing Public Safety with AI-***  ***Powered Human Activity Prediction*** | ***IEEE 2023*** |
| ***DL-09*** | ***DataGuard: Empowering IoT Security Through Cutting-Edge***  ***Steganography and Advanced GANs*** | ***IEEE 2023*** |
| ***DL-10*** | ***Multimodal Marvel: Transforming Autism Diagnosis with***  ***CogniNet's DeepGCN*** | ***IEEE 2023*** |

***DOMAIN – MACHINE LEARNING / DATA SCIENCE***

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| ***S.NO*** | ***TITLES*** | ***YEAR*** |
| ***ML-01*** | ***VehiPrice Pro: Revolutionizing Used Car Valuation with***  ***FACNN and Mobile Magic*** | ***IEEE 2023*** |
| ***ML-02*** | ***FRAUDetect: Elevating Fake Review Detection with Genetic***  ***Algorithms and SMOTE-Tomek Synergy*** | ***IEEE 2023*** |
| ***ML-03*** | ***ThyroSaver: Revolutionizing Thyroid Diagnosis with PSO-***  ***Enhanced AI Precision*** | ***IEEE 2023*** |
| ***ML-04*** | ***DriveSense: Navigating Trust in Conditionally Automated***  ***Vehicles with AI Insights*** | ***IEEE 2023*** |
| ***ML-05*** | ***SeizureShield: Navigating Epilepsy with Advanced Seizure***  ***Prediction Models*** | ***IEEE 2023*** |
| ***ML-06*** | ***SalesSense: Navigating the Future with Hybrid Ensemble and***  ***Deep Learning for Forecasting*** | ***IEEE 2023*** |
| ***ML-07*** | ***EcoCharge: Revolutionizing EV Battery Performance with***  ***Hybrid Machine Learning*** | ***IEEE 2023*** |
| ***ML-08*** | ***FraudShield: Fortifying Credit Card Fraud Detection with***  ***Ensemble and Deep Learning*** | ***IEEE 2023*** |
| ***ML-09*** | ***VeriFact: Combating Fake News with a Multi-Approach***  ***Detection with LSTM, DNN, and Efficient CNN*** | ***IEEE 2023*** |
| ***ML-10*** | ***HealthAI Insights: Transforming Drug Recommendations and***  ***ADR Detection with Social Media Data*** | ***IEEE 2023*** |
| ***ML-11*** | ***HeartGuardian: Pioneering TinyML for Life-Saving***  ***Ventricular Arrhythmia Detection*** | ***IEEE 2023*** |
| ***ML-12*** | ***Bilateral Leg Stepping Coherence as a Predictor of Freezing of Gait in Patients With Parkinson’s Disease Walking With***  ***Wearable Sensors*** | ***IEEE 2023*** |

***DOMAIN – CYBER SECURITY / BLOCKCHAIN***

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| ***S.NO*** | ***TITLES*** | ***YEAR*** |
| ***CY-01*** | ***IoT Malware Identification via Behavioral Traffic Analysis and Deep Learning*** | ***IEEE 2023*** |
| ***CY-02*** | ***Advanced Security System for Smart Consumer Electronics*** | ***IEEE 2023*** |
| ***CY-03*** | ***DataGuard: Empowering IoT Security Through Cutting-Edge***  ***Steganography and Advanced GANs*** | ***IEEE 2023*** |
| ***CY-04*** | ***Blockchain And Smart Contract Based Efficient KYC***  ***Application For Internet Banking*** | ***IEEE 2023*** |
| ***CY-05*** | ***Blockchain Based Supply chain Management System For***  ***Secure Vaccine Distribution*** | ***IEEE 2023*** |
| ***CY-06*** | ***Insurance Policy Application Integrating Smart Contracts***  ***Using Blockchain Concept*** | ***IEEE 2023*** |
| ***CY-07*** | ***Vehicle History Tracking System With Integrating Smart***  ***Contracts Using Blockchain Concept*** | ***IEEE 2023*** |
| ***CY-08*** | ***Medchain For Safeguarding Patient Health Records Using***  ***Smart Contracts And Web 3.0*** | ***IEEE 2023*** |
| ***CY-09*** | ***Unique And Secure Rental System Using Blockchain And***  ***Smart Contracts*** | ***IEEE 2023*** |
| ***CY-10*** | ***Drug Detection System With Integrating Smart Contracts***  ***Using Blockchain Concept*** | ***IEEE 2023*** |
| ***CY-11*** | ***Global Medical Data Access System With Patient Condition***  ***Determination Using Machine Learning And Deep Learning***  ***Techniques*** | ***IEEE 2023*** |

# *DOMAIN – IOT/ EMBEDDED SYSTEM*

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| ***S.NO*** | ***TITLES*** | ***YEAR*** |
| ***EM-01*** | ***Tinyml: A Human Activity Determination Predicting***  ***Abnormality For Mining Field Workers*** | ***IEEE 2023*** |
| ***EM-02*** | ***Efficient Artificial Intelligence-Teaching Assistant Based on***  ***ChatGPT*** | ***IEEE 2023*** |
| ***EM-03*** | ***Unique Automated Lower Limb Design Using***  ***Electromyography Sensor Signals*** | ***IEEE 2023*** |
| ***EM-04*** | ***An\_Edge-computing\_Platform\_for\_Low-Latency\_and\_Lowpower\_Wearable Medical Devices for Epilepsy*** | ***IEEE 2023*** |
| ***EM-05*** | ***Improvised Steganography For Iot Network Node Data***  ***Security Promoting Secure Data Transmission Using Gans*** | ***IEEE 2023*** |
| ***EM-06*** | ***Spectral discrimination of vegetable crops using in situ hyperspectral data and reference to organic vegetables*** | ***IEEE 2023*** |
| ***EM-07*** | ***Universal Gait Stability Monitoring With Highest Accuracy***  ***Combining Hardware And Software*** | ***IEEE 2023*** |
| ***EM-08*** | ***Application\_of\_digital\_twin\_system\_in\_power\_transformer\_ fault\_detection*** | ***IEEE 2023*** |
| ***EM-09*** | ***The Sight for Hearing: An IoT-Based System to Assist Drivers with Hearing Disability*** | ***IEEE 2023*** |
| ***EM-10*** | ***Comparative Performance Analysis for Maximum Segmented***  ***Accuracy in Voice Stammer using Wiener Filter and Median***  ***Filter Recognition*** | ***IEEE 2023*** |
| ***EM-11*** | ***Medchip With Global Data Access Integrating Smart***  ***Contracts Securing Patient Health Records Using Blockchain*** | ***IEEE 2023*** |

## DOMAIN – POWER ELECTRONICS / POWER SYSTEM

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| ***S.NO*** | ***TITLES*** | ***YEAR*** |
| ***PE-01*** | ***A Family of Single-Stage AC DC Converters Integrated***  ***Interleaved PFC and Resonant DC DC Circuits*** | ***IEEE 2023*** |
| ***PE -02*** | ***A Novel High-Voltage Gain Quasi Resonant DCDC Converter with active-Clamp and Switched-Capacitor Techniques*** | ***IEEE 2023*** |
| ***PE -03*** | ***A Class of Bidirectional Single Phase Z-Source AC AC***  ***Converter with Continuous Input Current and Reduced***  ***Component Count*** | ***IEEE 2023*** |
| ***PE -04*** | ***GaN Based Matrix Resonant Power Converter for Domestic***  ***Induction Heating*** | ***IEEE 2023*** |
| ***PE -05*** | ***An Improved Zero Voltage and Zero Current Switching Phase***  ***Shift Full-Bridge PWM Converter With Low Output Current***  ***Ripple*** | ***IEEE 2023*** |
| ***PE -06*** | ***A Novel SEPIC-uk Based High Gain Solar PV Micro-inverter for***  ***Grid Integration*** | ***IEEE 2023*** |
| ***PE -07*** | ***SMO Based Position Sensor-less BLDC Motor Drive Employing***  ***Canonical Switching Cell Converter for Light Electric Vehicle*** | ***IEEE 2023*** |
| ***PE -08*** | ***A Modulation Scheme with Full Range ZVS and Natural***  ***Power Factor Correction for Bridgeless Single Stage Isolated AC DC Converter*** | ***IEEE 2023*** |
| ***PE -09*** | ***H9 and H10 Transformer Less Solar Photovoltaic Inverters for***  ***Leakage Current Suppression and Harmonic Current***  ***Reduction*** | ***IEEE 2023*** |
| ***PE -10*** | ***Phase-Shifted Full Bridge\_DCDC\_Converter With High***  ***Efficiency and High Power Density Using Center-***  ***Tapped\_Clamp\_Circuit\_for\_Battery\_Charging\_in\_Electric\_Ve hicles (Only simulation with modification)*** | ***IEEE 2023*** |