#  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***  |