CODE	TITLE	DESCRIPTION
VTMPML01	Anomaly Detection in Self-Organizing Networks: Conventional Versus Contemporary Machine Learning	Where large volumes of data can be collected and processed, conventional methods may yet offer strong statistical alternatives, especially when using proper learning representations
VTMPML02	Machine Learning to Identify Psychomotor Behaviors of Delirium for Patients in Long-Term Care Facility	Fine relationships between physical activity and cognitive functions. To identify the Patients in Long-Term Care Facility
VTMPML03	Machine Learning and Deep Learning Approaches for Cybersecurity	Detection system in many applications that attempt to identify constantly changing threats and attacks
VTMPML04	Prediction of Diabetes Empowered with Fused Machine Learning	In modern lifestyles, sugar and fat are typically present in our dietary habits, which have increased the risk of diabetes. To predict the disease
VTMPML05	An Online Transfer Learning Framework with Extreme Learning Machine for Automated Credit Scoring	It involves analyzing and predicting the association between the data and particular credit values based on similar data
VTMPML06	Building and Interpreting Deep Similarity Models	We have contributed a theoretically well-founded method to explain similarity in terms of pairs of input features
VTMPML07	Feature Identification with a Heuristic Algorithm and an Unsupervised Machine Learning Algorithm for Prior Knowledge of Gait Events	Identification of features and states for the detection of gait events prior to their actual occurrence
VTMPML08	Comparative Predictive Analysis of Mortality Rate after Covid-19 Vaccination Using Various Machine Learning Approaches	This work has mainly targeted in performing comparative real time predictive analysis of mortality rate after having COVID-19 vaccination
VTMPML09	When Smart Cities Get Smarter via Machine Learning	The smart cities including the energy, healthcare, transportation, security, and pollution

CODE	TITLE	DESCRIPTION
VTMPML10	Machine Learning-Based Continuous Intracranial Pressure Prediction for Traumatic Injury Patients	Patients diagnosed with traumatic brain injury (TBI), a major cause of death and disability worldwide, require immediate treatments in an ICU
VTMPML11	Medium- and Long-Term Precipitation Forecasting Method Based on Data Augmentation and Machine Learning Algorithms	Forecasting plays a vital role in disaster prevention and mitigation and rational allocation of water resources
VTMPML12	Predicting the Entrepreneurial Success of Crowdfunding Campaigns Using Model-Based Machine Learning Methods	Method of raising money for a project or an idea through online donations
VTMPML13	Fusing Sell-Side Analyst Bidirectional Forecasts Using Machine Learning	AI analyst to generate directional predictions of stock price
VTMPML14	A Systematic Review on Recent Advancements in Deep and Machine Learning Based Detection and Classification of Acute Lymphoblastic leukemia	Blood cancer detection
VTMPML15	Integrating Machine Learning Algorithms with Quantum Annealing Solvers for Online Fraud Detection	Identification of fraudulent transactions Detection
VTMPML16	Fraud Detection and Analysis for Insurance Claim using Machine Learning	Fraud Insurance Claim Detection
VTMPML17	Prediction Of Used Car Prices Using Artificial Neural Networks and Machine Learning.	Prediction Of Used Car Prices
VTMPML18	Efficient Thyroid Disease Prediction using Features Selection and Meta-Classifiers	Feature preprocessing yield the balanced thyroid disease

CODE	TITLE	DESCRIPTION	
VTMPML19	A Deep Prediction of Chronic Kidney Disease by Employing Machine Learning Method	Diabetes and high blood pressure. Diabetes means that your blood sugar is too high, which can damage your kidneys	IEEE 2022 - MACHINE LEARNING
VTMPML20	Liver disease prediction using Ensemble Technique	Predict the liver disease based on a software engineering approach using classification	
VTMPML21	Heart Disease Prediction using Machine Learning and Data Analytics Approach	Heart Disease Prediction.	
VTMPML22	Prediction of Parkinson's disease using XG-Boost	A progressive disorder that affects the nervous system and the parts of the body controlled by the nerves	
VTMPML23	Credit Card Fraud Detection Using State-of-the-Art-Machine-Learning and Deep Learning Algorithms	To Detection the Credit Card Fraud	
VTMPDL01	Advance Genome Disorder Prediction Model Empowered with Deep Learning	Genome disorders cause multivariate diseases like cancer, dementia, diabetes, cystic fibrosis, Leigh-syndrome, etc	IEEE 2022 - DEEP LEARNING
VTMPDL02	Deep SMOTE: Fusing Deep Learning and SMOTE for Imbalanced Data	Despite over two decades of progress, imbalanced data, especially when learning from images	
VTMPDL03	Semi supervised Training of Deep Generative Models for High-Dimensional Anomaly Detection	Abnormal behaviors in industrial systems may be early warnings on critical events that may cause severe damages to facilities and security	
VTMPDL04	A Deep Learning Approach for the Detection of Neovascularization in Fundus Images Using Transfer Learning	This condition is caused by the development of small and irregular blood vessels in the Neovascularisation	

CODE	TITLE	DESCRIPTION
VTMPDL05	Deep Learning for Phishing Detection: Taxonomy, Current Challenges and Future Directions	Phishing Detection: Taxonomy, Current Challenges and Future Directions.
VTMPDL06	Deep Learning Approaches for Fashion Knowledge Extraction from social media	Fashion Knowledge Extraction from social media
VTMPDL07	Automated Bird Species Identification using Audio Signal Processing and Neural Network	Identification using Automated Bird Species Audio Signal Processing
VTMPDL08	Detection of Cardiovascular Diseases in ECG Images Using Machine Learning and Deep Learning Methods	Conditions affecting the heart or blood vessels. It's usually associated with a build-up of fatty deposits inside the arteries and an increased risk of blood clots
VTMPDL09	Fine-Grained Food Classification Methods on the UEC FOOD-100 Database	Food classification from images is a fine-grained classification problem. Manual creation of food images is cost, time and scalability
VTMPDL10	Identification of Fake Indian Currency using Convolutional Neural Network	To Identification New note is the currency of specific denomination introduced subsequent to SBNs notified by Government of India under Specified Banknotes
VTMPDL11	A Contemporary Technique for Lung Disease Prediction using Deep Learning	Lung Disease Prediction

IEEE 2022 - DEEP LEARNING