



**1st International Conference on Applied Mathematics,
Modeling and Simulation in Engineering (AMSE) 2021**

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IOPscience

Stanley College of Engineering & Technology for Women
Chapel Road, Abids, Hyderabad, Telangana, India

List of Provisionally Registered Papers

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3	265	Performance Analysis of Biomass Energy using Machine and Deep Learning Approaches
4	268	Movie Recommendation using Hybrid Filtering and Sentiment Analysis
5	269	Pole Like Object Detection using PCA in Terrestrial LiDAR System
6	270	MAC Based Security Integration using Face Recognition in Cloud Environment
7	271	A System to Automate the Development of Anomaly Based Network Intrusion Detection Model
8	273	Secure Cloud Risk Architecture analysis for Mobile Banking system and its performance analysis based on Machine learning approaches
9	274	Indian Currency Denomination Recognition and Fake Currency Identification
10	276	Prediction of Bitcoin Price using LSTM Model
11	277	An approach to detect multiple diseases using machine learning algorithm.
12	278	Simplified ciphertext-policy attribute-based encryption scheme with attribute level collusion resistance for cloud storage
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14	284	Image Anonymization using Deep Convolutional Generative Adversarial Network
15	326	A survey on securing wireless network routing protocols using group key management
16	374	A Survey of Techniques used for Medical Imaging and their Processing
17	377	Facial Emotions over Static Facial Images Using Deep Learning Techniques with Hysterical Interpretation
18	378	Multi-class classification for large datasets with optimized SVM by non-linear kernel function
19	379	Design of Decision Based Recursive Weighted Median Filter With Exponential Weights
20	381	Designing of Lithium - Ion Battery Pack Rechargeable on a Hybrid System with Battery Management System (BMS) for DC Loads of Low Power Applications – A Prototype Model
21	382	Analysis of barrier distributions data for $16\text{O} + 64\text{Zn}$ reaction at sub-barrier energies
22	383	SHE-PWM LOW COST MULTI LEVEL INVERTER FOR PV BASED WATER PUMPING APPLICATIONS
23	395	Design of Exponentially Weighted Median Filter Cascaded With Adaptive Median Filter
24	405	Experimental Validation for A Nine-Switched 3-phase Multilevel Inverter (MLI) With A Photovoltaic (PV) Source of Array

25	406	A Hybrid Multiprocessor Scheduler for Soft Real-Time System with Processor Affinity Concept
26	409	Uplink and Downlink Variation in Drone Technology for Cloud, Edge, Fog and Smart Dust Integrated IoT Architecture: Demonstrated Over WSNs
27	410	Effects of wing twist on lift and drag characteristics of blended wing body aircraft
28	412	Coronavirus Disease Predictor: An RNA-Seq based pipeline for dimension reduction and prediction of COVID-19
29	416	Ensemble learning based classifier to predict depression caused due to pandemic
30	417	A survey on the impact of mental health on the society
31	418	Neural Network based Personality and Mood Prediction using EEG Signals
32	419	Binary Black Hole Automated Identification by Agglomerative Clustering based on Gravitational Waves
33	421	A model to predict a sign language feature extraction using CNN
34	423	DEVELOPMENT OF SMART EARTH LEAKAGE CIRCUIT BREAKER USING IOT AND POWER ELECTRONICS
35	424	Noise-residue learning convolutional network model for magnetic resonance image enhancement
36	431	IoT based health monitoring and record management using distributed ledger
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39	439	Experimental investigation of bending characteristics of hybrid composites fabricated hand layup method
40	441	Review of enhanced power quality using unified power flow control system in electrical network
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