

2024 OITS International Conference on Information Technology (OCIT 2024)

**Vijayawada, India
12-14 December 2024**



**IEEE Catalog Number: CFP24AV4-POD
ISBN: 979-8-3315-1041-1**

**Copyright © 2024 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP24AV4-POD
ISBN (Print-On-Demand):	979-8-3315-1041-1
ISBN (Online):	979-8-3315-1040-4

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

2024 OITS International Conference on Information Technology (OCIT) **OCIT 2024**

Table of Contents

Message from General Chairs	xx
Message from Program Chairs	xxi
Organizing Committee	xxii
Steering Committee	xxiv
Program Committee	xxv

2024 OITS International Conference on Information Technology

Developing An Intelligent Framework for Optimizing Apache Spark Tasks to Improve the Efficiency of Memory Configuration	1
<i>Venkata Rahul Sarabu (Walmart Global Tech, USA), Pamula Udayaraju (SRM University, India), Chaithanya Ravulu (Rocket Companies, USA), Shravan Kumar Joginipalli (Slide Insurance, USA), Sushma Kukkadapu (Walmart Global Tech, USA), and T. Venkata Narayana (SRKR Engineering College, India)</i>	
Feature Extraction and Classification of PCG Signal	7
<i>Abhilashitha Mannam (SRM University-AP, India), Moulyasri Amudalapalli (SRM University-AP, India), Akhila Vudatha (SRM University-AP, India), Guru Sai Keerthana Kothuri (SRM University-AP, India), Radha Abburi (SRM University-AP, India), and Sibendu Samanta (SRM University-AP, India)</i>	
Predicting Defect-Prone Software Modules using Generalized Discriminant Analysis-Based Feature Reduction Technique	13
<i>Kunal Anand (Kalinga Institute of Industrial Technology, India) and Ajay Kumar Jena (Kalinga Institute of Industrial Technology, India)</i>	
An Efficient Model for WSN Emerging Applications using Machine Learning	19
<i>Sunil Kumar Gupta (Sant Gahira Guru Vishwavidyalaya, India), Priyanshu Sinha (University of Allahabad, India), Sohan Kumar Yadav (Department of Higher Education, India), Praveen Kumar Sahu (Govt. Shyama Prasad Mukharjee College Sitapur, India), Tiansheng Yang (University of South Wales, United Kingdom), Shiv Prakash (University of Allahabad, India), and Rajkumar Singh Rathore (Cardiff Metropolitan University Cardiff, United Kingdom)</i>	
Microplastic Detection in Drinking Water: A Comparative Analysis of CNN-SVM and CNN-RF Hybrid Models	24
<i>Prashanthi Thota (SRM University AP, India), Kausik Challapalli (SRM University AP, India), Harsha Garikapati (SRM University AP, India), Veera Manikanta Sai Adusumilli (SRM University AP, India), Satish Anamalamudi (SRM University AP, India), and Murali Krishna Enduri (SRM University AP, India)</i>	

Phishing URL Unmasking using Ensemble Intelligence to Support Cyber Security	30
<i>Ashok Kumar Panigrahi (Biju Patnaik University of Technology, India; Parala Maharaja Engineering College, India), Chittaranjan Mallick (Parala Maharaja Engineering College, India), Kalyan Kumar Jena (Parala Maharaja Engineering College, India), and Sourav Kumar Bhoi (Parala Maharaja Engineering College, India)</i>	
An Efficient Video Summarization using Sparse Auto-Encoders and K-Means Clustering on Video Similarity Graph	36
<i>T Mita Kumari (Biju Patnaik University of Technology, India), Dinesh Kumar Dash (Parala Maharaja Engineering College, India), and Abhimanyu Sahu (MNNIT, India)</i>	
Deep Learning Diagnosis: Leveraging Transfer Learning for COVID-19 Detection from Chest X-Rays	42
<i>Swetha Ghanta (SRM University AP, India), Abhiram Thiriveedhi (SRM University AP, India), and Ashok Kumar Pradhan (SRM University AP, India)</i>	
An Ensemble Based Learning for Parkinson's Disease Prediction	48
<i>Dipti Dash (Kalinga Institute of Industrial Technology, India), Mukesh Kumar Kumar (Kalinga Institute of Industrial Technology, India), Rajashree Senapati (BJB Autonomous College, India), Gauri Sameer Rapate (PES UNIVERSITY, India), and Pinaki Sankar Chatterjee (Kalinga Institute of Industrial Technology, India)</i>	
Multiple Graph-Based Approach to Recommend Domain-Dependent Documents	54
<i>Nikita Nikita (SVNIT, India), Aranya Maheshwari (SVNIT, India), Hardik Tulsiani (SVNIT, India), Hiren Dhadhal (SVNIT, India), Utsav Chordia (SVNIT, India), Dipti P. Rana (SVNIT, India), and Rupa G. Mehta (SVNIT, India)</i>	
Rice Disease Detection using Faster R-CNN Approach	60
<i>Jay Prakash Singh (Manipal University Jaipur, India), Debolina Ghosh (Manipal University Jaipur, India), Chittaranjan Pradhan (KIIT Deemed to be University, India), and Jagannath Singh (KIIT Deemed to be University, India)</i>	
Leveraging Innovative CNN Architectures for Diabetic Retinopathy Detection	68
<i>Ezhil G R (Thiagarajar College of Engineering, India), Sridevi S (Thiagarajar College of Engineering, India), Srijah S (Thiagarajar College of Engineering, India), and Rajaram S (Thiagarajar College of Engineering, India)</i>	
Deceptive Hotel Review Detection: An Ensemble Learning Framework	74
<i>Siddharth Bhangale (Indian Institute of Information Technology (IIIT), India) and Pradeep Kumar Roy (Indian Institute of Management Nagpur, India)</i>	
Predictive Analytics and Performance Optimization in Mobile Networks using Machine Learning	80
<i>Shiplu Das (Adamas University, India), Buddhadeb Pradhan (University of Engineering and Management, India), Nachiketa Tarasia (KIIT Deemed to be University, India), and Rabindra K. Barik (KIIT Deemed to be University, India)</i>	
ViT-PlantNet: Enhancing Plant Disease Classification with Encoder-Decoder Architecture	86
<i>Kishor Chettri (Sikkim Manipal University, India), Biswaraj Sen (Sikkim Manipal University, India), and Palash Ghosal (Sikkim Manipal University, India)</i>	

Smart Phone-Based Fundus Imaging and Transformer-Integrated Machine Learning for Enhanced Retinal Health Care Access	92
<i>Nandini Das (Kalinga Institute of Industrial Technology (Deemed to be University), India), Mayukh Patra (Kalinga Institute of Industrial Technology (Deemed to be University), India), Gourav Chakraborty (Kalinga Institute of Industrial Technology (Deemed to be University), India), and Hrudaya Kumar Tripathy (Kalinga Institute of Industrial Technology (Deemed to be University), India)</i>	
Harnessing Advanced NLP Techniques: Empirical Study on Automated Text Summarization via SpaCy Word Embeddings and Cosine Similarity	98
<i>Janki Kanakia (NMIMS University, India), Sachi Shah (NMIMS University, India), Esha Shah (NMIMS University, India), Tvisha Modi (NMIMS University, India), Harsh Kanakia (NMIMS University, India), Ishani Saha (NMIMS University, India), and Payal Mishra (NMIMS University, India)</i>	
A Neural Network Approach to Signature Verification with Mathematical Moments	103
<i>Threesha Suryadevara (SRM University AP, India), Mudassir Rafi (SRM University AP, India), Dipak Kumar Sah (GLA University, India), and Rahul Kumar (GLA University, India)</i>	
An Enhancement of Breast Cancer Abnormalities Detection using Deep CNN	108
<i>Ritesh Chandra (IIIT Allahabad, India), Shashi Shekhar Kumar (Bennett University, India), Sadhana Tiwari (IIIT Allahabad, India), Rushil Patra (IIIT Allahabad, India), and Sonali Agarwal (IIIT Allahabad, India)</i>	
Software Development Effort Estimation using Regression Models Delve with Explainable Machine Learning (XAI)	114
<i>Rahul Kumar Mandal (Kalinga Institute of Industrial Technology, India), Jagannath Singh (Kalinga Institute of Industrial Technology, India), and Debolina Ghosh (Manipal University Jaipur, India)</i>	
Prediction of H1B Visa Application Processing Status using Deep Learning	120
<i>G Madhupriya (Thiagarajar College of Engineering, India), S Sarumathi (Thiagarajar College of Engineering, India), M Raasheedaa Shameem (Thiagarajar College of Engineering, India), and V Vineesha (Thiagarajar College of Engineering, India)</i>	
On the Synergy of Homomorphic Blockchain and Deep Neural Network for Enhanced Data Security: A Review	126
<i>K Swanthana (Koneru Lakshmaiah Education Foundation, India) and S S Aravinth (Koneru Lakshmaiah Education Foundation, India)</i>	
DEM-UFR: Deep Ensemble Method for Enhanced Unconstraint Face Recognition System	133
<i>Dipak Kumar (NIT Durgapur, India), Ravi Kant Kumar (SRM University, AP), Jogendra Garain (Raghunathpur Government Polytechnic, India), Dakshina Ranjan Kisku (NIT Durgapur, India), Jamuna Kanta Sing (Jadavpur University, India), and Phalguni Gupta (GLA University, India)</i>	
Multilingual Automatic Speech Recognition for Indian Languages-E2E Framework	138
<i>R Geetha Rajakumari (Sri Eshwar College of Engineering, India), D Karthika Renuka (PSG College of Technology, India), L Ashok Kumar (Thiagarajar college of Engineering, India), C Thiraviya (Sri Eshwar College of Engineering, India), S Vaimitra (Sri Eshwar College of Engineering, India), and Sathishkumar Veerappampalayam Easwaramoorthy (Sunway University, Malaysia)</i>	

Advanced Image Restoration for Visual Clarity Enhancement	143
<i>B Lakshmi Devi (Velagapudi Ramakrishna Siddhartha Engineering College, India), Y Kalyan Chakravarti (Velagapudi Ramakrishna Siddhartha Engineering College, India), and B Vaila Vinutna (Velagapudi Ramakrishna Siddhartha Engineering College, India)</i>	
A Multimodal Deep Learning Approach to Decoding Student Participation in Online Classrooms..	149
<i>T. Mutharasi (Anna University, India) and S. Vijayalakshmi (Anna University, India)</i>	
Leveraging Machine Learning Algorithms for Enhanced Drug Bioactivity Prediction in Pharmaceutical Discovery	155
<i>Charvi Suri (Ramdeobaba University, India), Abhijeet Raipurkar (Ramdeobaba University, India), Rashmi Kanharkar (Ramdeobaba University, India), Komal Nichat (Ramdeobaba University, India), Vrushali Dhondse (Ramdeobaba University, India), and Pragati Pawar (Ramdeobaba University, India)</i>	
Enhancing Kimberlite Exploration Through Quantum Support Vector Machines: A Comparative Study of Quantum and Classical SVM Approaches	161
<i>Monika Kumari (Yeshwantrao Chavan College of Engineering, India) and Charvi Suri (Yeshwantrao Chavan College of Engineering, India)</i>	
Addressing Class Imbalance in Financial Fraud Detection	166
<i>Satya Krishna Nunna (SRM University AP, India), Lovely Yeswanth Panchumarthi (SRM University AP, India), and Lavanya Parchuri (SRM University AP, India)</i>	
ViTDehazer: A Vision Transformer-Based Approach for Effective Image Dehazing	174
<i>Satya Krishna Nunna (SRM University, India), Deepali Kumari (Lovely Professional University, India), and Lovely Yeswanth Panchumarthi (Emory University, USA)</i>	
Ransomware Detection in Android using Machine Learning	180
<i>X. Arputha Rathina (B.S Abdur Rahman Crescent Institute Of Science and Technology, India), Muhammad Aadil (B.S Abdur Rahman Crescent Institute Of Science and Technology, India), and Monesh D (B.S Abdur Rahman Crescent Institute Of Science and Technology, India)</i>	
Exploring Meta-Embeddings in Ensemble and Deep Learning for Gittercom Message Category Prediction	186
<i>Ashutosh Kr Sinha (NIT, India), Lov Kumar (NIT, India), and Vikram Singh (NIT, India)</i>	
Cloud Assisted Privacy-Preserving Optimized Distributed Association Rule Mining on e-Healthcare Data	193
<i>Srinivas Aluvala (SR University, India), Pulluri Srinivas Rao (Jayamukhi Institute of Technological Sciences, India), M.N Faruk (Navodaya Institute of Technology, India), and J. Vedika (Sumathi Reddy Institute of Technology for Women, India)</i>	
Energy-Efficient UAV Path Planning using PSO-ABC Algorithm in Obstacle-Rich Environments ...	199
<i>Bodhisattwa Baidya (Ramakrishna Mission Vidyamandira, India), Atanu Mondal (Ramakrishna Mission Vidyamandira, India), Sankha Mallick (Directorate of Technical Education and Training, India), and Satish Anamalamudi (SRM University AP, India)</i>	

Object Detection in Indoor Environment to Assist Visually Impaired Individuals at Office Work	205
<i>Shubhangi Neware (Shri Ramdeobaba College of Engineering and Management, India), Himanshu Sharma (Shri Ramdeobaba College of Engineering and Management, India), Dhyanesh Dharmik (Shri Ramdeobaba College of Engineering and Management, India), Ayush Yadav (Shri Ramdeobaba College of Engineering and Management, India), and Utkarsh Awasthi (Shri Ramdeobaba College of Engineering and Management, India)</i>	
Lunar Terrain Depth Mapping and 3D Reconstruction: Benchmarking Seven Depth Estimation Models	211
<i>Sharanya Patil (PES University, India), Sahini Reddy (PES University, India), Jaldus Asish (PES University, India), Ranjana Prakash (PES University, India), and Boppuru Rudra Prathap (Christ(Deemed To Be University), India)</i>	
Disease Prediction: A State-of-the-Art Review on Heart Disease Prediction Models	217
<i>Amiya Ranjan Panda (KIIT Deemed to be University, India), Manoj Kumar Mishra (KIIT Deemed to be University, India), Niranjan Kumar Ray (KIIT Deemed to be University, India), and Lipika Mohanty (KIIT Deemed to be University, India)</i>	
Predictive Analytics in Crime: A Machine Learning Approach	223
<i>Goluguri NV Rajareddy (GITAM Deemed to be University, India), Gondi Lakshmeeswari (GITAM Deemed to be University, India), and Prajna Paramita Pradhan (GITAM Deemed to be University, India)</i>	
STFANet: Learning Spatio-Temporal Feature Aggregation for Person Re-Identification	228
<i>Raj Aryan Behera (KIIT Deemed to be University, India), Prabhu Prasad Dev (KIIT Deemed to be University, India), Santos Kumar Baliarsingh (KIIT Deemed to be University, India), Shrishti Priya Sinha (KIIT Deemed to be University, India), and Manas Ranjan Biswal (KIIT Deemed to be University, India)</i>	
CFViT: Coarse and Fine-Grained Vision Transformer for Vehicle Re-Identification	234
<i>Shrishti Priya Sinha (KIIT Deemed to be University, India), Prabhu Prasad Dev (KIIT Deemed to be University, India), Santos Kumar Baliarsingh (KIIT Deemed to be University, India), Raj Aryan Behera (KIIT Deemed to be University, India), and Jasaswi Prasad Mohanty (KIIT Deemed to be University, India)</i>	
Prediction Analysis for Diabetic Disease using Machine Learning Model	240
<i>N. Senthamarai (SRM Institute of Science and Technology, India), Jafar Ali Ibrahim Syed Masood (Vellore Institute of Technology, India), M. Sathya (Nadar Saraswathi College of Engineering and Technology, India), N. S. Kalyan Chakravarthy (QIS College of Engineering and Technology, India), Bharati Rathore (University of South Wales, UK), and Mohamed Kalith Oli M (Vellore Institute of Technology, India)</i>	
EEG Signal Processing for Action Recognition using Machine Learning Paradigms	246
<i>Abirami S P (Coimbatore Institute of Technology, India), Misha Chandar B (VIT-AP University, India), Karthikeyan G (Coimbatore Institute of Technology, India), and Elakkiya E (SRM University, India)</i>	
Performance Analysis of Non-Polynomial Scheduling Algorithms in Cloud and Fog Environments.....	253
<i>Kone Sai Sandeep (Dept. of Computer Science Engineering, India), Mulla Riyaz Ahamed (Dept. of Computer Science Engineering, India), Adapa Venkata Prabhas (Dept. of Computer Science Engineering, India), and Chinmaya Kumar Swain (Dept. of Computer Science Engineering, India)</i>	

Alzheimer's Disease Detection using an Ensemble of Transfer Learning Models	261
<i>Chandrakanta Mahanty (GITAM Deemed to be University, India), S Gopal Krishna Patro (Woxsen University, India), and Pravallika Dannana (GITAM Deemed to be University, India)</i>	
Implications for Improving Alzheimer's Disease Diagnosis using Multiple Modalities	267
<i>Tulip Das (SRI SRI University, India) and Parthasarathi Pattnayak (KIIT Deemed to be University, India)</i>	
Employing TF-IDF and Word2Vec Embeddings to Identify Multi-Class Toxicity through Machine and Deep Learning Approache	273
<i>Sanjana Singamsetty (SRM University-AP, India), Harshitha Somayajula (SRM University-AP, India), Anu Likitha Immadisetty (SRM University-AP, India), Keerthi Sree Konkimalla (SRM University-AP, India), Srilatha Tokala (SRM University-AP, India), and Murali Krishna Enduri (SRM University-AP, India)</i>	
Evaluation of Deep Learning and Machine Learning Models for Recommender Systems Across Various Datasets	279
<i>Vinay Santhosh Chitla (SRM University – AP, India) and Hemantha Kumar Kalluri (SRM University – AP, India)</i>	
A Framework for Robust Person Identification using Brain Signals	285
<i>Aditya Sesha Sai Samineni (SRM University AP, India), Praharsha Venu (SRM University AP, India), Charan Sai Venkat Narayana Lolugu (IIT (ISM) Dhanbad, India), Bhoomika Kotharu (SRM University AP, India), Mani Chandrika Pachipulusu (SRM University AP, India), Saswat Kumar Ram (SRM University AP, India), Banee Bandana Das (SRM University AP, India), and Saraju P. Mohanty (University of North Texas, USA)</i>	
Innovative Corporate Query Handling with Domain-Specific RAG	291
<i>Simran Kumari (SMU, India), Udit Kr. Chakraborty (SMU, India), Basab Nath (SMU, India), Avinash Kumar (SMU, India), Pratham Srivastava (SMU, India), and Namsani Vivek (SMU, India)</i>	
Wilms Tumor Detection using Deep Learning Approach	297
<i>Neeha Akhila Sri Kornepati (Vardhaman College of Engineering, India), Shoaib Ali (Vardhaman College of Engineering, India), Deepak Reddy Chelladi (Vardhaman College of Engineering, India), Venkatesh Kavidiidevi (Vardhaman College of Engineering, India), Kottu Santosh Kumar (Vardhaman College of Engineering, India), and Saroja Kumar Rout (Vardhaman College of Engineering, India)</i>	
Dynamic Clustering for Multi-Depot Capacitated Vehicle Routing with Time Windows: A CW Heuristic Approach	304
<i>Vinita Kumari (Shri Ramdeobaba College of Engineering and Management, India), Vrushabh Parsawar (Accenture, India), Krity Srivastava (Shri Ramdeobaba College of Engineering and Management, India), Apurva Ochawar (IIT Gandhinagar, India), Rohini S. Ochawar (Shri Ramdeobaba College of Engineering and Management, India), Vanshika Dayani (Shri Ramdeobaba College of Engineering and Management, India), and Kusum Singh (Shri Ramdeobaba College of Engineering and Management, India)</i>	
Language Impairment Detection Based on Speech Signals and Gaussian Naive Bayes Algorithm ...	310
<i>Manisa Manoswini (Deemed to be University, India), Biswajit Sahoo (Deemed to be University, India), and Aleena Swetapadma (Deemed to be University, India)</i>	

Real Time Coral Reefs Monitoring and Protection using Computer Vision: A Case Study on COTS Detection	315
<i>Ganga Srinivas Gollapalli (SRM University, India), Madhukar sai Babu Gadde (SRM University, India), Maruti Mahesh Gadde (SRM University, India), Bogesh Uppuluri (SRM University, India), and Rajiv Senapati (SRM University, India)</i>	
Hybrid Quantum-Classical Encryption (HQCE) Algorithm: A Post-Quantum Secure Solution for Data Encryption	321
<i>Mahesh Babu Chittem (SRM University AP, India) and Ashok Kumar Pradhan (SRM University AP, India)</i>	
System Attack Detection using Machine Learning	327
<i>Ashish Virendra Chandak (Ramdeobaba University, Nagpur), Rakesh Kadu (Ramdeobaba University, Nagpur), Rohan Assudani (Ramdeobaba University, Nagpur), Dhananjay Chacherkar (Ramdeobaba University, Nagpur), Varad Chopkar (Ramdeobaba University, Nagpur), and Purvank Mudgal (Ramdeobaba University, Nagpur)</i>	
Deep Lung: Enhancing Lung Cancer Detection with CNN and Transfer Learning	333
<i>Remasri Bolla (JNTUK, India), Vimala Kumari Jonnalagadda (JNTUK, India), Kiran sai Adireddy (JNTUK, India), Pramod Abburi (JNTUK, India), and Tarun keerthi Gaddam (JNTUK, India)</i>	
Modified Levenberg-Marquardt Neural Network Method to Investigate Optimum Height of a Water Tank Problem	339
<i>P Lakshmi Durga (VIT-AP University, India) and Sukanta Nayak (VIT-AP University, India)</i>	
Revolutionizing Fashion Retail: Virtual Try-on Empowered By Deep Learning	345
<i>Preethi S (BPUT, India) and Debashreet Das (BPUT, India)</i>	
Early Detection of Parkinson's Disease using Machine Learning	351
<i>Ashok Kumar Pradhan (SRM University AP, India), Aliviya Jana (SRM University AP, India), P Subanaveen (SRM University AP, India), M Lahari Priya (SRM University AP, India), and Sanjana Lakkimsetty (SRM University AP, India)</i>	
Brain Tumour Classification: A Comparative Analysis of CNN Models and Generalisation Across Datasets	357
<i>Aheli Manna (KIIT Deemed to be University, India), Aditya Saha (KIIT Deemed to be University, India), Jahnvi Jain (KIIT Deemed to be University, India), Aditya Kamal (KIIT Deemed to be University, India), Santos Kumar Baliarsingh (KIIT Deemed to be University, India), and Prabhu Prasad Dev (KIIT Deemed to be University, India)</i>	
Advancing Predictive Modelling in Healthcare A Data Science Approach Utilizing AI-Driven Algorithms	363
<i>Rahul Vadisetty (Wayne State University, USA)</i>	
Detection Coverage of ML-Based Classification Models for Network Intrusion Detection by the Application of Varied Pre-Processing Techniques	369
<i>Anand Polamarasetti (Andhra University, India)</i>	
Machine Learning-Based Device Modeling and Performance Optimization for OTFT	374
<i>Prasanthi Lingala (SRM University- AP, India), Bethalam Venkata Siva Sai Greeshma (SRM University- AP, India), Patta Supraja (SRM University- AP, India), Sanjay Kumar (SRM University- AP, India), and Matta Durga Prakash (SRM University- AP, India)</i>	

Device-Simulation-Based Machine Learning Technique and Performance Optimization of NSFET .	379
<i>Ummadisetti Gowthami (SRM University- AP, India), Bhuvanagiri Venkata Naga Sandhya (SRM University- AP, India), Patta Supraja (SRM University- AP, India), Sanjay Kumar (SRM University- AP, India), and Matta Durga Prakash (SRM University- AP, India)</i>	
Human Activity Recognition using Deep Learning	384
<i>Kavya Gottipati (SRM University, India), Krishna Sravanth Vanapalli (SRM University, India), Venkata Baba Sai Abhi Ram Sannidhi (SRM University, India), Nikhilesh Sai Santosh Tadivada (SRM University, India), and Prasanthi Boyapati (SRM University, India)</i>	
Real Estate Price Prediction: Optimized Ridge and Lasso Regression Analysis.	391
<i>Kausik Challapalli (SRM University AP, India), Prashanthi Thota (SRM University AP, India), Harsha Garikapati (SRM University AP, India), Veera Manikanta Sai Adusumilli (SRM University AP, India), Satish Anamalamudi (SRM University AP, India), and Reddy Priya Madupuri (SRM University AP, India)</i>	
ML Tool to Identify the Correlation between Student Mental Factors and their Performances ...	397
<i>Supriya S (The National Institute of Engineering (VTU Affiliation), India) and S Kuzhalivaimozhi (The National Institute of Engineering (VTU Affiliation), India)</i>	
Comparative Study of Melanoma Disease Classification using Deep Learning	402
<i>Lovely Yeswanth Panchumarthi (SRM University, India), Asish Karthikeya Gogineni (SRM University, India), Sumalatha Saleti (SRM University, India), Lavanya Parchuri (SRM University, India), and Harika Kakarala (SRM University, India)</i>	
Streamlining College Enquiries: Integrating Amazon Lex and Twilio for WhatsApp Chatbot Accessibility	409
<i>Kavyashree M K (JSS Science and Technology University, India), Anupama S (JSS Science and Technology University, India), Keerthana B M (JSS Science and Technology University, India), Kruthi Krishnagiri (JSS Science and Technology University, India), Sneha N S (JSS Science and Technology University, India), and Spoorthy H U (JSS Science and Technology University, India)</i>	
Aspect-Based Sentiment Analysis by Leveraging Machine Learning Techniques	414
<i>Yadavalli Uday Shankar (VIT-AP University, India), Somya Ranjan Sahoo (VIT-AP University, India), Saroj Kumar Panigrahy (VIT-AP University, India), and Medeswara Rao Kondamudi (VIT-AP University, India)</i>	
Assessment of Data Augmentation Paradigms in Pathology Identification	421
<i>Sai Karthik Nallamothe (SRM University-AP, India), Pradeep Sai Teja Sanka (SRM University-AP, India), Srikar Vaka (SRM University, India), Raja Pavan Vignesh Kajjayam (SRM University-AP, India), Yeswanthvenkataakumar Vidavaluru (SRM University-AP, India), and Tapas Kumar Mishra (SRM University-AP, India)</i>	
Directing Mutual Informative Active Learning Model to Perform Panoptic Segmentation in Lung Images	427
<i>Koppagiri. Jyothsna Devi (VIT-AP University, India) and Gouranga Mandal (VIT-AP University, India)</i>	

Automated Brain Tumor Identification and Categorization via Convolutional Neural Networks in Deep Learning	433
<i>Hritik Kumar (VIT-AP University, India), Sai Nikitha N (VIT-AP University, India), Himanshu Sekhar Sahoo (VIT-AP University, India), Kunal Bajantri (VIT-AP University, India), Sarthak Sudhir Patil (VIT-AP University, India), Nitin Chavali (VIT-AP University, India), and Siddique Ibrahim S P (VIT-AP University, India)</i>	
Nature's Early Warning System: Exploring the Role of Animal Behavior in Predicting Natural Disasters	439
<i>Siddique Ibrahim S P (VIT-AP University, India), Kartik Ajay Chavan (VIT-AP University, India), Esha Maria Joseph (VIT-AP University, India), Aman Pratap Singh (VIT-AP University, India), and Aswathy M (VIT-AP University, India)</i>	
Utilizing Digital Twin-Enhanced Spatio-Temporal CNN for Accurate Breast Cancer Tumor Detection and Migration Tracking	445
<i>Karthiga M (Bannari Amman Institute of Technology, India), Revathy J (Christ the King Engineering College, India), Suresh Raja Ramar (Optum, USA), and Sankarananth S (Bannari Amman Institute of Technology, India)</i>	
A Deep Learning Model for Five Stage Diabetic Retinopathy Detection	451
<i>Sriya Setty Nukala (VIT-AP University, India), Asish Kumar Dalai (VIT-AP University, India), and Udit Narayana Kar (VIT-AP University, India)</i>	
Exploring Tourism Demand: An Analytical Model for Predicting Travel Patterns	457
<i>Siddique Ibrahim S P (VIT-AP University, India), Inturu Venkata Sai Spurthi (VIT-AP University, India), Saidiyya Karnati (VIT-AP University, India), Sanjana Tushar Gaikwad (VIT-AP University, India), Devisetti V D S N R Rasagna (VIT-AP University, India), and Mitthinti Keerthana (VIT-AP University, India)</i>	
Fake News Detection: A Comprehensive Review and a Novel Framework	463
<i>Ishani Saha (SVKM's NMIMS, India) and Shubha Puthran (SVKM's NMIMS, India)</i>	
The Future of Myeloma Care: Personalised Treatment with AI and Wavelet Transform	470
<i>Revanth Bokka (Kalinga Institute of Industrial Technology Deemed to be University, India) and Minakhi Rout (Kalinga Institute of Industrial Technology Deemed to be University, India)</i>	
Detection and Classification of Diseases in Rice Crops from its Leaves By using Machine Learning Algorithm	476
<i>Patrick Ansah (University of West Florida, USA), Arup Kumar Mukherjee (ICAR-National Rice Research Institute, India), Vinh Truong Hoang (Ho Chi Minh City Open University, Vietnam), Ankita Mandal (Kalinga Institute of Industrial Technology, India), Satya Ranjan Dash (KIIT University, India), and Obed Adjei Peprah (Atlantic Tech. University, Ireland)</i>	
A Comparative Study of Machine Learning Models for Fetal Health Classification	482
<i>Amiya Ranjan Panda (KIIT Deemed to be University, India), Shatadru Banerjee (KIIT Deemed to be University, India), Manoj Kumar Mishra (KIIT Deemed to be University, India), and Niranjana Kumar Ray (KIIT Deemed to be University, India)</i>	

Breast Cancer Classification using Machine Learning and Feature Subset Selection Techniques	488
<i>Sujata Ray (KIIT Deemed to be University, India), Debasmita Pradhan (KIIT Deemed to be University, India), and Niranjan Kumar Ray (KIIT Deemed to be University, India)</i>	
A Comprehensive Analysis of Sentiment Evaluation for Email Categorization	495
<i>Basudev Pradhan (KIIT Deemed to be University, India), Amiya Ranjan Panda (KIIT Deemed to be University, India), Siddharth Swarup Rautaray (KIIT Deemed to be University, India), and Manjusha Pandey (KIIT Deemed to be University, India)</i>	
Integrating Deep Learning and Statistical Model for Stock Market Prediction	500
<i>Samanwita Sahu (IIIT Bhubaneswar, India), Mayank Bhushan (IIIT Bhubaneswar, India), and Jitendra Kumar Rout (National Institute of Technology Raipur, India)</i>	
Exponential Time-Decaying Attribution Model using Half-Life	506
<i>Satarupa Mohanty (KIIT Deemed to be University, India), Bhaswati Sahoo (KIIT Deemed to be University, India), Amarnath Patro (KIIT Deemed to be University, India), Srishty Nanda (KIIT Deemed to be University, India), and Sudhansu Sekhar Samal (KIIT Deemed to be University, India)</i>	
Prediction of Software Bug Fixing Time using Intuitionistic Fuzzy Similarity Measure on Bug Informative Terms	512
<i>Rama Ranjan Panda (SOA Deemed to be University, India) and Naresh Kumar Nagwani (National Institute of Technology Raipur, India)</i>	
On Improving Neighborhood-Based Recommender Systems by Exploiting Similarity Measures	518
<i>Jhansi Lakshmi Vignahala (SRM University-AP, India) and Abinash Pujahari (SRM University-AP, India)</i>	
A Comprehensive Approach to Unify Carbon Registries Data Access	525
<i>Sachi Shah (NMIMS University, India), Tvisha Modi (NMIMS University, India), Janki Kanakia (NMIMS University, India), Esha Shah (NMIMS University, India), Kayvan Shah (NMIMS University, India), and Archana Nanade (NMIMS University, India)</i>	
Sin-Cos Fusion-Based African Vulture Optimization Algorithm for Feature Selection in Detecting DDoS Attack in IoT Networks	530
<i>Upendra Upendra (National Institute of Technology, India), Rakesh Tripathi (National Institute of Technology, India), and Tirath Prasad Sahu (National Institute of Technology, India)</i>	
Embracing NLP-Enhanced Word Embeddings for Contextually Enriched Technical Debt Estimation in Software Code Comments: An Empirical Study	536
<i>Ishpreet Kaur (National Institute of Technology, India), Lov Kumar (National Institute of Technology, India), Vikram Singh (National Institute of Technology, India), Pratyush Mishra (National Institute of Technology, India), and Proksh Proksh (National Institute of Technology, India)</i>	
Sign Language Recognition by Hand Gesture for Deaf and Speech Impaired Community using ML	542
<i>Rakesh K. Kadu (Ramdeobaba University, India), Ashish V. Chandak (Ramdeobaba University, India), Purshottam J. Assudani (Ramdeobaba University, India), Aditi Tiwari (Ramdeobaba University, India), and Nirja Jaurkar (Ramdeobaba University, India)</i>	

Ensemble Learning for Recommending Job Categories	548
<i>Swati Garg (Department of Business Administration NIT, India), Chandra Sekhar (Department of Business Administration NIT, India), and Lov Kumar (Department of Business Administration NIT, India)</i>	
Secure Pool Mining through SVM-Based Miner Classification and Computation Validation in Blockchain Networks	554
<i>Srinivas Kumar Battina (SR Gudlavalleru Engineering College, AP), Ravi Kumar Suggala (Shri Vishnu Engineering College for Women, India), Srinivasa Rao Dangeti (Shri Vishnu Engineering College for Women, India), Meriga Kiran Kumar (Lakireddy Bali Reddy College of Engineering, India), Pavan Kumar Vadrevu (Shri Vishnu Engineering College for Women, India), and Naga Sravanthi Puppala (SRM University AP, India)</i>	
Addressing Nutrition Gaps: An In-Depth Study of Child Undernutrition	560
<i>Lovely Yeswanth Panchumarthi (Emory University, USA), Manoj Manike (Eberhard Karls Universität Tübingen), Sumalatha Saleti (SRM University, India), Priyanshu Singh (KPMG, India), Purna Sai Madala (New York University, United States), and Steve Abraham Varghese (SRM University, India)</i>	
Cloud Integrated Arduino Based Smart Energy Meter for Real-Time Monitoring and Uncover Hidden Costs	567
<i>P. Muthu Krishnammal (VIT-AP University, Amaravati), Arvinth V (VIT-AP University, Amaravati), Bommi R M (Chennai Institute of Technology, India), Uganya Uganya (Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India), Mary Joy Kinol (Saveetha Institute of Medical and Technical Sciences, India), and Malle Venkata Vishnu Vardhan (VIT-AP University, Amaravati)</i>	
A Comparative Analysis of Machine Learning Models for Fire Alarm Systems	574
<i>Amiya Ranjan Panda (KIIT Deemed to be University, India), Aman Gupta (KIIT Deemed to be University, India), Manoj Kumar Mishra (KIIT Deemed to be University, India), Lipika Mohanty (KIIT Deemed to be University, India), and Niranjana Kumar Ray (KIIT Deemed to be University, India)</i>	
Forecasting Financial Markets: A Multi-Modal GAN Approach to Stock Prediction using Sentiment Analysis and Technical Indicators	580
<i>Siddique Ibrahim S P (VIT-AP University, India) and Ahana Chatterjee (VIT-AP University, India)</i>	
Efficient Construction of Fiedler and Generalized Fiedler Linearizations via Algorithmic Method	584
<i>Ranjan Kumar Das (National Institute of Technology Raipur, India)</i>	
Graph-Based Density Estimation for Real-Time Traffic Congestion Monitoring	590
<i>Vandana B.S (Nitte (DU), India) and Sumathi Pawar (Nitte (DU), India)</i>	
Digital Differentiator Design using L1-Norm and LS with GOA Algorithm	595
<i>Eswar P (University College of Engineering, India) and Rajasekhar K (University College of Engineering, India)</i>	
Advancement in Underwater Optical Communication using DP-QPSK and DP-16 QAM Modulation Technique with APD Receiver	600
<i>Sagarika Patro (International Institute of Information Technology, India) and Rajat Kumar Giri (International Institute of Information Technology, India)</i>	

An Efficient Prediction Model for Student's Attention in Online Education using Machine Learning	604
<i>Priyanshu Sinha (University of Allahabad, India), Dinesh Prasad Sahu (Bennett University, India), Shiv Prakash (University of Allahabad, India), Vinay Kumar Singh (University of Allahabad, India), Tiansheng Yang (University of South Wales Pontypridd, United Kingdom), and Rajkumar Singh Rathore (Cardiff Metropolitan University Cardiff, United Kingdom)</i>	
ESIS-SSI: Efficient (n, n) Secret Image Sharing with Shrinking Shadow Images	609
<i>Purushothama B R (National Institute of Technology Karnataka, India)</i>	
An Off-Chip Based PUF for Robust Security in FPGA Based IoT Systems	617
<i>Chella Amala (SRM University AP, India), Burra Subbarao (SRM University, India), Tamoghna Ojha (IIT (ISM) Dhanbad, India), Banee Bandana Das (SRM University AP, India), Saswat Kumar Ram (SRM University AP, India), and Saraju P. Mohanty (University of North Texas, USA)</i>	
CommuniWeave: Where Every Threads Holds a Story	623
<i>Aayush Agarwal (ABES Engineering College, India), Himanshu Tiwari (JIMS Engineering Management Technical Campus, India), Rakesh Raushan (Greater noida institute of Engg. & Tech., India), Alok Kumar (Greater Noida institute of technology, India), Sandeep Saxena (JIMS Engineering Management Technical Campus, India), and Ashok Kumar Pradhan (SRM University, India)</i>	
Reverse Video Search Engine using Audio Fingerprint & Convolutional Neural Network	629
<i>Adama Seydou Traore (SRM University AP, India)</i>	
Meme Classification and Offensive Content Detection using Multimodal Approach	635
<i>Tvisha Modi (MPSTME NMIMS, India), Esha Shah (MPSTME NMIMS, India), Sachi Shah (MPSTME NMIMS, India), Janki Kanakia (MPSTME NMIMS, India), and Manisha Tiwari (MPSTME NMIMS, India)</i>	
Enhancing Digital Circuit Efficiency with Memristor-CMOS Hybrid Technology	641
<i>Lakshmi Sowjanya Koneru (Velagapudi RamaKrishna Siddhartha Engineering College, India), Sunkara Baby usha (Velagapudi RamaKrishna Siddhartha Engineering College, India), Purushottam Vamsi Nagendra (Velagapudi RamaKrishna Siddhartha Engineering College, India), and Sammeta Urvasi Mani (Velagapudi RamaKrishna Siddhartha Engineering College, India)</i>	
A Critical and Comprehensive Analysis of WSN Security using Benchmark Datasets	647
<i>Vivek Kumar Pandey (University of Allahabad, India), Shiv Prakash (University of Allahabad, India), Vandana Rathore (University of Allahabad, India), Tiansheng Yang (University of South Wales, United Kingdom), and Rajkumar Singh Rathore (Cardiff Metropolitan University, United Kingdom)</i>	
Revolutionizing Anonymity: A DHT-Infused Rumor Riding Protocol for Advanced Sender and Receiver Privacy	651
<i>Jeya Rathinam J (RMK College of Engineering and Technology, India) and Rathna R (Vellore Institute of Technology, India)</i>	
Examsecured: Steganographic Integrity for Question Papers	659
<i>Enikepalli Sai prakash (V R Siddhartha Engineering College, India), Sekharapalli Bargava Ravi Kanth (V R Siddhartha Engineering College, India), Pathi Chaitanya (V R Siddhartha Engineering College, India), and B. Lakshmi sirisha (V R Siddhartha Engineering College, India)</i>	

Transparent Billing System for Hospital-Admitted Patients using Blockchain	664
<i>Arup Sarkar (KIIT Deemed to be University, India), Aritra Poddar (KIIT Deemed to be University, India), Arijit Saha (KIIT Deemed to be University, India), Anirban Mondal (KIIT Deemed to be University, India), Pritwish Bhowmik (KIIT Deemed to be University, India), and Monideepa Roy (KIIT Deemed to be University, India)</i>	
Content Aware Routing Scheme for SDN-NDN	671
<i>Bishal Kumar Nath (Tezpur University), Nityananda Sarma (Tezpur University), and Dilip Kumar Saikia (Tezpur University)</i>	
Multilevel Security Framework with Fault Tolerance using Secret Image Sharing and Steganography	677
<i>Yogendra Singh Gound (National Institute of Technology Karnataka, India) and Purushothama B R (National Institute of Technology Karnataka, India)</i>	
Enhancing Voting Security with Biometric Face Authentication: A Comprehensive System Design and Implementation	684
<i>Udit Narayan Kar (VIT-AP University, India), Asish Kumar Dalai (VIT-AP University, India), Shreshth Pandey (VIT-AP University, India), Manas Singh (VIT-AP University, India), Srishti Srivastava (VIT-AP University, India), and Yash Raj Singh (VIT-AP University, India)</i>	
Strategic Miner Selection for Optimizing Block Generation Time in PoW-Based Blockchain Pool Mining using SMNST Framework	690
<i>Naga Sravanthi Puppala (SRM University AP, India), Mahesh Kumar Morampudi (SRM University AP, India), Ravi Kumar Suggala (Shri Vishnu Engineering College for Women, India), and AHL Swaroop (Seshadri Rao Gudlavalleru Engineering College, India)</i>	
hChain 3.0: Leveraging Blockchain for Personalized Patient Assessments and Improved Medication Adherence in Chronic Care Management	696
<i>Musharraf Alruwaill (University of North Texas, USA), Saraju P. Mohanty (University of North Texas, USA), and Elias Kougianos (University of North Texas, USA)</i>	
A Novel 32-bit Encryption and Decryption Method for High-Speed Non-Critical Data Applications	702
<i>Prachi Mukherji (Electronics and Telecommunication Department Cummins College of Engineering for Women, India), Seema H. Rajput (Electronics and Telecommunication Department Cummins College of Engineering for Women, India), Vaibhavi Ipkal (Electronics and Telecommunication Department Cummins College of Engineering for Women, India), Bhargavee Joshi (Electronics and Telecommunication Department Cummins College of Engineering for Women, India), Saniya Patel (Electronics and Telecommunication Department Cummins College of Engineering for Women, India), and Shruti Deo (Electronics and Telecommunication Department Cummins College of Engineering for Women, India)</i>	
Enhancing Network Intrusion Detection Systems with Machine Learning: A Comparative Study with Intrusion Datasets	708
<i>Akash Shrivastava (National Institute of Technology, Raipur), Jitendra Kumar Rout (National Institute of Technology Raipur, India), and Santosh Kumar Sahu (Oil and Natural Gas Corporation Limited (ONGC) Dehradun, India)</i>	

Design of Mho type Distance Relay Scheme for Protection of Transmission Line using EnerVista Software for D60 Relays	714
<i>A. Guru Mohana Prasada Rao (Deemed to be University, India), Bindu Vadlamani (Deemed to be University, India), and Venkateswara Rao Bathina (Deemed to be University, India)</i>	
Comparison of Mitigation Techniques for Very Fast Transients in a 1000kV GIS	720
<i>M. NagaJyothi (VNR Vignana Jyothi Institute Engineering Technology, India) and C.V.K. Bhanu (Gayathri Vidya Parishad College of Engineering, India)</i>	
Designing a GSM and ARDUINO Based Reliable Home Automation System	726
<i>Jogeswar Tripathy (Siksha 'O' Anusandhan Deemed to be University, India), Swarnamayee Dash (CV Raman Global University, India), Rasmita Dash (Siksha 'O' Anusandhan Deemed to be University, India), Jashasmita Pal (Radhakrishna Institute of Technology and Engineering Bhubaneswar, India), Sunita Padhi (Aryan Institute of Engineering and Technology, India), and Sambit Kumar Mishra (SRM University-AP, India)</i>	
Blockchain-Driven Trust Management for Social IoT: A Neural Network Approach	731
<i>Rudra Krishnasrija (SRM University-AP, India), Lakshya Kumar (SRM University-AP, India), and Amit Kr Mandal (SRM University-AP, India)</i>	
Unmanned Aerial Vehicles to Transport Healthcare Equipment under Emergency	737
<i>Mandala Raga Sri Ratna Sai Ramya (deemed to be university, India), Vimala Kumari J (deemed to be university, India), Yarajarla Moulika (deemed to be university, India), and Venkateswara Rao Bathina (deemed to be university, India)</i>	
Parameter Extraction of Solar Photo Voltaic Module by using IGWO	743
<i>Banavathu Tejaswi (deemed to be university, India), Madhusudana rao Ranga (deemed to be university, India), Venkateswara Rao Bathina (deemed to be university, India), and SriKumar Kotni (University College of Engineering; JNT University Kakinada)</i>	
Hierarchical Federated Learning with Fog Nodes: Enhancing Efficiency in Smart City Networks	749
<i>A B Manju (Apollo University, India), C S Pavan Kumar (VR Siddhartha Engineering College, India), J Jegan (Apollo University, India), D Jagadeeshan (Apollo University, India), and Satya Krishna Nunna (SRM University-AP, India)</i>	
Self-Adaptive Circuit Breaker Open-State Interval for Enhancing Resiliency of Microservices	754
<i>K Sivakumar (National Institute of Technology, India), Jeenu Sebastian (National Institute of Technology, India), and P Santhi Thilagam (National Institute of Technology, India)</i>	
Task Scheduling in Cloud Computing: A Comparative Study of Algorithms	760
<i>Harish Kumar Patnaik (KIIT Deemed to be University, India), Niranjan Kumar Ray (KIIT Deemed to be University, India), Suchismita Rout (KIIT Deemed to be University, India), and Manas Ranjan Patra (NIST University, India)</i>	
Agamographs using Rubik's Cubes: Morphing Images through Strategic Mosaic Arrangements	766
<i>Arkopal Das (Ramakrishna Mission Vidyamandira, India), Sarbajit Manna (Ramakrishna Mission Vidyamandira, India), Bodhisattwa Baidya (Ramakrishna Mission Vidyamandira, India), and Satish Anamalamudi (SRM University AP, India)</i>	

Dynamic Allocations of Dew Nodes for IoST-Dew-Fog-Cloud System using a Single-Server Queueing Model with Dropping Function	772
<i>Ayashkant Mishra (CV Raman Global University, India), Veena Goswami (KIIT Deemed to be University, India), Meenakshi Kandpal (OUTR, India), Rojalina Priyadarshini (CV Raman Global University, India), G.B. Mund (KIIT Deemed to be University, India), and Rabindra Kumar Barik (KIIT Deemed to be University, India)</i>	
GeoNIRE: Geospatial Cloud Computing Model for National Institutional Ranking Framework Towards SDG #4 Perspective	778
<i>Sreeya Dash (KIIT Deemed to be University, India), Jnyana R. Mohanty (KIIT Deemed to be University, India), Swati Samantaray (KIIT Deemed to be University, India), and Rabindra K. Barik (KIIT Deemed to be University, India)</i>	
A Blockchain-Based Framework for Secure and Decentralized Document Integrity using Filecoin and Smart Contract	783
<i>Abhijeet R. Raipurkar (Ramdeobaba University, India), Anushka Zade (Ramdeobaba University, India), Palak Agarwal (Ramdeobaba University, India), Praful R. Pardhi (Ramdeobaba University, India), Nisha Jain (Ramdeobaba University, India), and Akshat Deshmukh (Ramdeobaba University, India)</i>	
Trade-Offs Among Block Size and Queuing Approach in Blockchain Environment	789
<i>Supriya Panigrahy (C.V. raman Global university, India), Meenakshi Kandpal (Odisha University of Technology and Research, India), Pranati Mishra (Odisha University of Technology and Research, India), Jyotirmayee Rautaray (Odisha University of Technology and Research, India), and Tapas Kumar Choudhury (Odisha University of Technology and Research, India)</i>	
Implementation of a faster B+ tree*	796
<i>Ankit Das (IIIT BBSR'24, India), Khushi Sahoo (IIIT BBSR'24, India), and Bharati Mishra (IIIT BBSR, India)</i>	
Improved Load Balancing and Partitioning Model for Cloud Networks	803
<i>Rohit Kumar (Shiv Nadar University, India), Neha Agrawal (IIIT Sri City, India), and Shashikala Tapaswi (IIITM Gwalior, India)</i>	
UAV Based Fog Computing for IoT Networks	809
<i>Jitendra Sai Prasad (SRM University-AP, India), Eeshatwayi Annabathuni (SRM University-AP, India), Venkata padma Srivalli (SRM University-AP, India), Sujitha Namburu (SRM University-AP, India), and Ramesh Kumar (SRM University-AP, India)</i>	
Author Index	815