SIDDHARTHA

ACADEMY OF HIGHER EDUCATION

An Institution **Deemed to be University**

Information Technology

Research Conclave 2025

Offline Presentations Schedule on 24th & 25th January 2025

Day 1	24th January 2025 - Paper Presentations Mode: Offline Time : 11.00am-1.00pm
Venue	**IT CONFERENCE HALL -246**
SESSION -1: Healthcare and Medical Applications	
Session Chair **Dr. Koduru Hajarathaiah**	**Co-Chair** **Dr.Vaddi Radhesyam**
Paper ID	**PAPER TITLE**
IEEE_111	Hybrid Deep Learning Framework for Diabetic Retinopathy Detection Utilizing Vision Transformer with Minimal EfficientNet Integration on Retinal Fundus Images
IEEE_121	Early Diagnosis of Parkinson's Disease Using Meander Images
IEEE_150	A Survey on Breast Cancer Detection Methods
IEEE_196	Skin and Cancer Disease Detection Using Deep Learning
IEEE_198	Hybrid Deep Learning Framework for Pneumonia Detection: Integrating VGG19 and Resnet50
IEEE_250	Identification of Osteosarcoma, a Cancerous Tumor That Forms in the Bones
IEEE_112	Detection Of Diabetic Retinopathy From Fundus Images Using Deep Learning
LN_101	Enhanced Brain Tumor Detection Using YOLOv8 and ResNet-Based CNN
LN_102	Deep Learning for Ayurvedic Applications: Enhancing Plant Identification and Analysis

LN_108	Parkinson's Disease Detection Using Machine Learning
LN_106	Predicting Health: An Innovative Approach to Multi-Disease Diagnosis Through Machine Learning
LN_110	Improving Automated Diagnosis of Heart Disease Through Hybrid Machine Learning Models
LN_112	Intelligent Waste Classification Using Fine-Tuned CNNs for Sustainable Recycling
LN_115	Automated Alzheimer's Detection: Deep Learning for MRI Image Classification

Day 1	24th January 2025 - Paper Presentations Mode: Offline Time : 11.00am-1.00pm
Venue	IT CLASSROOM-210
SESSION-2: Machine Learning, AI in Technology, and Security	
Session Chair Dr. Maganti Venkatesh	Co-Chair Dr.Surya Narayana
PAPER ID	PAPER TITLE
IEEE_105	Image Forgery Detection
IEEE_123	Detecting Deepfake Audio Using Convolutional and Recurrent Neural Networks
IEEE_128	Transformer Based Fake Review Detection
IEEE_131	Automated Helmet Detection and Number Plate Recognition with Alert E-mail using Deep Learning
IEEE_226	A VGG16 Implementation For Spam Image Detection
LN_107	Customer churn prediction model using Machine Learning and Retention Strategies
LN_109	Smart Wildlife Animal Tracking and Safety Alerts with Deep Learning Frameworks
LN_114	Object-Detection With Voice Based Interaction Using Deep Learning
LN_119	Design of an Improved Hybrid CNN BiLSTM Model with Transformer Attention for Fake News Detection
LN_150	Real-Time Fraud Detection in Online Banking: A Machine Learning Approach with Geolocation and Behavioral Analysis
LN_111	Automated Student Attendance Using Deep Learning Algorithm

Day 1	24th January 2025 - Paper Presentations Mode: Offline Time : 11.00am-1.00pm
Venue	IT CLASSROOM-212
SESSION-3:Recommender Systems and Emerging Applications	
Session Chair Dr. K. Vijay Kumar	Co-Chair Dr. SK. Fathimabi
PAPER ID	PAPER TITLE
IEEE_107	AI-Driven Automated Room Design with Effortless Room Transformation
IEEE_109	Currency Detection For Visually Impaired
IEEE_120	Calamity Relief and Livelihood
IEEE_122	Skill Extractor in Resumes using Machine Learning and Stream lit
IEEE_137	Enhancing Film Selections: NLP-Powered Movie Recommendation with Word2Vec
LN_116	Spice Scape : A Culinary Exploration
LN_117	Smart Workout Counter
LN_162	Smart Door Locking System And Video Monitoring Using Iot
LN_168	Voice And Gesture - Controlled Wheel Chair With Slope Detection

Day 1	24th January 2025 - Paper Presentations Mode: Offline Time : 2:30pm-5:00pm
Venue	IT CONFERENCE HALL-246
SESSION -4: Agriculture and Medical Applications	
Session Chair Dr. Koduru Hajarathaiah	Co-Chair Dr.Vaddi Radhesyam
PAPER ID	PAPER TITLE
IEEE_118	Plant Disease Detection in Agriculture : A Comparative Study of Convolutional Neural Networks (CNN) and Transfer Learning
IEEE_234	AgroLens:A Crop Recommendation and Disease Detection Module
IEEE_165	Analysing Greenspace Changes in Vijayawada (2019-2024) Using Remote Sensing and Machine Learning
IEEE_186	Lightweight Inception Networks For The Recognition And Detection Of Rice Plant Diseases
IEEE_193	An Integrated Remote Sensing and Machine Learning approach for crop area estimation
LN_105	Optimizing brain tumor detection using Resnet + Unet algorithms
LN_123	Enhancing congestive Heart failure prognostication through Hierachical learning
LN_126	Diabetic Foot Ulcer Detection Using A Hybrid Deep Learning Model
LN_127	Automated Medical Support System for Enhanced User Engagement in Healthcare
LN_132	Advanced Detection of Cervical Spine Fractures in Ankylosing Spondylitis
LN_135	Chilli Plant Disease Detection Using Convolutional Neural Network with EfficientNet in Deep Learning
LN_142	AgriCare: Empowering Farmers with Chatbot-Enabled Agricultural Guidance and Disease Detection
LN_147	Plant Health Monitoring: Early Detection and Prevention Using Deep Learning Models
LN_148	Revolutionizing Brain tumor Diagnosis Using CNN Based Classification
LN_167	Breast Cancer Detection Using Deep Learning CNN Architectures

Day 1	24th January 2025 - Paper Presentations Mode: Offline Time : 2:30pm-5:00pm
Venue	IT CLASSROOM-212

SESSION-5: Recommender Systems and Emerging Applications

Session Chair Dr.K.Vijay Kumar	Co-Chair Dr.Sk.Fathimabi

PAPER ID	PAPER TITLE
IEEE_124	Harnessing Vehicles Exhaust Heat For Powering Self Wearable Devices
IEEE_163	Developing Strategic Interventions in Enhancing English Language Proficiency of Engineering Students Using Deep Forest and Python
IEEE_180	Modern Farming:AI-Driven Crop and Fertilizer Recommendations for Better Yields
IEEE_182	The Intelligent Personal Learning Assistant: A Smarter Approach to University Learning
IEEE_222	Home Genius – a community based all in one Skill showcase platform
LN_118	Development of a Comprehensive Campusconnex App: Enhancing Academic and Extracurricular Engagement
LN_144	Predicting Optimal Airline Ticket Prices using Regression Models
LN_149	Aquapond quality analysis using knowledge based classification
LN_153	EDUSLOT: Slot Booking And Teacher Absence Management Platform

Day 2	25th January 2025 - Paper Presentations Mode: Offline Time : 10:00am-1:00pm
Venue	IT CLASSROOM NO:210
SESSION-6: Machine Learning, AI in Technology, and Security	
Session Chair Dr. K.Vijay Kumar	Co-Chair Dr.Surya Narayana
PAPER ID	PAPER TITLE
IEEE_110	Pothole Detection And Alert System
IEEE_144	Revitalizing Railway Track Inspection
IEEE_179	Design and Implementation of Approximate Multiplier Using Approximate 4-2 Compressors and Approximate Half Adders ”
IEEE_185	Rainfall Prediction Using Machine Learning And Deep Learning
IEEE_187	Predictive Analytics And Visualizations Of Crime Patterns In India
IEEE_204	Finite Element Analysis Of A Rpg-7 Warhead Firing Sequence
LN_113	Ensemble Approaches to Wind Energy Forecasting: A Path to Sustainable Grid Management
LN_165	Cloud-based Intrusion Detection System using Machine Learning
LN_166	Machine Learning Algorithm For Analysing The Urban Sprawl Expansion