

8th World Engineering Conference on
Contemporary Technologies™

WECON™ 2025

October 10 - 11

Theme ♦ NextGen Sustainable Technologies

Organized by – Chitkara University, Punjab, India | Technically Sponsored by – IEEE Delhi Section

BEST PAPER PRESENTATION IN A SESSION

The conference featured paper presentations across nine sessions.
The best paper presentation from each session has been recognized. Details are listed below.

Session	PID	Paper Title	Registered Author(s)	Affiliation
1.1 - AI and Machine Learning in Healthcare	71	Identification of Factors behind High-Risk Pregnancies in Rural Punjab, India using Machine Learning	Gaganpreet Kaur	Thapar Institute of Engineering and Technology, Patiala, Punjab
2.1 - Sustainable Data-driven Solutions for Society, Environment and Industry	10	Cache-Optimized Shared Embedding Space For Seamless Cross-Modal Search	Padmini Gudavalli, G Uday Kiran, and K. Sri Snigdha	B V Raju Institute of Technology, Telangana
3.1 - Next-Generation Electronics and Applied Technologies	251	Enhanced Text Extraction from Low-Quality Legacy Documents Using TrOCR Assisted by Line Detection	A Kirti Meghana and Harsh Gupta	Sharda University, Uttar Pradesh
1.2 - AI and Machine Learning in Healthcare	181	Voice-Based Parkinson's Disease Stage Classification	Gottumukala Gayathri	Vardhaman College of Engineering, Telangana
2.2 - Sustainable Data-driven Solutions for Society, Environment and Industry	48	Efficient Real-Time Object Detection for Indoor Navigation Using Dual YOLO-SSD Networks and MobileNet Backbone	Eshaan Gupta	Manav Rachna University, Haryana
3.2 - Next-Generation Electronics and Applied Technologies	145	Energy-Aware 2D FIR Filter Design using Approximate Multipliers and Circular Coefficient Symmetry	Harish Babu Gade	CVR College of Engineering, Telangana
1.3 - AI and Machine Learning in Healthcare	273	Drug Identification using Graph Neural Network(GNN) for Cancer Treatment	Beetukuru Madhavan	Vardhaman College of Engineering, Telangana
2.3 - Sustainable Data-driven Solutions for Society, Environment and Industry	88	AI-Powered Early Intervention for Sustainable Agriculture: Multi-Crop Disease Detection and Classification Using CNNs	Kavita Jhajharia	Manipal University, Jaipur, Rajasthan
2.4 - Sustainable Data-driven Solutions for Society, Environment and Industry	40	Enhanced Partial Discharge Classification Using Ensemble Learning: A Comparative Analysis of Random Forest and XGBoost Approaches	Rafeetha V C	NIT Goa