

First International Conference on  
**Advances in Electrical, Computing, Communications and  
Sustainable Technologies (ICAECT 2021)**

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**Best Paper Award**

Session	Paper ID	Paper Title
ICAECT (Physical)	CHEC 1091	Gas Sensor device based on Pt-doped SnS <sub>2</sub> Monolayer: Ab-initio Modelling
EE01	CHEE 1084	Protection of Islanded PMSG based Wind Turbine Feeding through a Bipolar DC Link
EE02	CHEE 2014	Low insertion loss compact quadrature coupler for conformal space applications
EE03	CHEE 2042	Artificial Neural Network for the Prediction of Particulate Matter (PM <sub>2.5</sub> )
	CHEE 2073	Solving Optimal Reactive Power Dispatch problem with the consideration of load uncertainty using Modified JAYA Algorithm
EE04	CHEE 1057	Artificial Neural Network based Fault Detection System for 11 kV Transmission Line
EE05	CHEE 2009	An Accurate Estimation of the Commercial Wind Energy Potential of Middle East Region
EE06	CHEE 2058	A Facial Video based Framework to Estimate Physiological Parameters using Remote Photoplethysmography
	CHEE 2075	Approximation using Lagrange and Hermite form of polynomial interpolation: an experimental study
EC07	CHEC 1049	Image Denoising using Deep Auto-Encoder Network for Production Monitoring in Real-Time
EC08	CHEC 1047	Development and Characterization of Nano Material Membrane Device for Enhanced Transmittance
EC09	CHEC 1093	Generative Adversarial Networks (GANs) for spatial upward fluxes radiation estimation
EC10	CHEC 1066	Design of Solar Blind Photodetectors for Communication with Blue Signal ( $\lambda=441\text{nm}$ ) in Space. Part III
EC11	CHEC 2057	Compression in communication security using Huffman Encoding and Cipher Block Chaining
CS12	CHCS 1050	Is AI and Digitization New Avatar for Air Freighters and Forwarders
CS13	CHCS 2019	Students Performance Tracking Using BPM Classification Modelling
CS14	CHCS 3022	Highly Accurate Real time human Counter with Minimum Computation Cost
CS15	CHCS 3006	Improving Accuracy of Air Pollution Prediction by Two Step Outlier Detection
CS16	CHCS 1081A	Resource Allocation Techniques in Edge/Fog Computing
	CHCS 2017	Test Automation Framework using Soft Computing Techniques
CS17	CHCS 3044	Maritime Vessel Route Extraction and Automatic Information System (AIS) Spoofing Detection