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List of the Presented Manuscripts

81 papers were submitted before the submission deadline. 70 papers were accepted after the reviews. Finally, 67 papers were presented at the conference. According to the IEICES 2023 policies, only the presented papers were mentioned in the manuscripts. Hereby, 67 papers were listed. It's pitied that 3 papers were not presented by the authors.

No.	ID	Title	Presenter	Pages
1	IEICES09-002	Parametric Optimization of Selig S3014	Md Saifur Rahman	1-5
2	IEICES09-003	Mapping and Estimation of Road Traffic Emissions in Caraga Region using Sentinel 5P Satellite Images	Benzyl Moran Metran	6-12
3	IEICES09-004	Development of a 10 kW Solar Photovoltaic Power Plant for Bonwary Lal Govt. High School	Md Saifur Rahman	13-20
4	IEICES09-005	An Analysis of the Photocatalytic Activities of ZnO Nanoparticles: Factors Influencing Dye Degradation	Asraf Ibna Helal	21-27
5	IEICES09-007	Estimation of Permeability of Soil-Fly Ash Mix using Machine Learning Algorithms	Joemel Galupino	28-33
6	IEICES09-008	Molybdenum disulfide (MoS ₂)-based cathode materials for magnesium (Mg ²⁺) and Mg ²⁺ /Li ⁺ hybrid-ion batteries: Progress and perspective	Omar Falyouna	34-42
7	IEICES09-009	Applications of spectroscopic-based techniques for quality and safety evaluation of tomatoes: A mini-review	Marjun C. Alvarado	43-50
8	IEICES09-010	A Preliminary Evaluation on the Development of Edible Drinking Straw from Guso (<i>Eucheuma cottonii</i>) Seaweeds	Marjun C. Alvarado	51-58
9	IEICES09-011	Thickness optimization of Al ₂ O ₃ tunneling layer in CBTS solar cells using SCAPS software	HENNI Wafaâ	59-64
10	IEICES09-012	Utilization of Metal Based Nanoparticles in Biomedical Imaging Technologies	Newton Neogi	65-71
11	IEICES09-015	A Mini Review of Photocatalytic Effects of Nano TiO ₂ and an Analysis of Their Effectiveness	Md. Golam Sazid	72-78
12	IEICES09-016	Cofiring of Oil and Gaseous Fuels Through an Innovative Coaxial, double swirl Burner	Ahmed Adam	79-85
13	IEICES09-017	Nexus Between CO ₂ Emission, Economic Development and Energy Consumption in Bangladesh	Jamilur Rahman	86-92
14	IEICES09-018	Where to build? A suitability modelling approach for university campuses location-allocation in Japan	Ahmed M.S. Mohammed	93-100
15	IEICES09-019	Understanding students' residential dynamics around university campuses: A computational agent-based modelling approach	Ahmed M.S. Mohammed	101-108

16	IEICES09-020	A Mini Review on Utilization of Nano Cellulose in Sensing Applications	Kristi Priya Choudhury	109-116
17	IEICES09-021	DESALINATION OF SEAWATER USING REVERSE OSMOSIS METHOD	RITUPARNA TALUKDER	117-122
18	IEICES09-022	Recent advances with CNT, Nanocellulose and Their Composites in Different Industries	Sabbir Hossain1	123-130
19	IEICES09-024	A Mini Overview of Biomedical Utilization of Zeolitic Imidazolate Frameworks	Sabbir Hossain1	131-137
20	IEICES09-026	A Mini Overview of Post Synthetic Modification of Synthesized Zeolitic Imidazolate Frameworks	Kristi Priya Choudhury	138-145
21	IEICES09-028	Utilization of Nanomaterials in Electrochemical Sensor: A Review	Kristi Priya Choudhury	146-153
22	IEICES09-029	CHARACTERIZATION AND EVALUATION OF ARATILES (Muntingia calabura) FRUIT ALCOHOLIC BEVERAGE	Eldie Rabuya Labisto	154-160
23	IEICES09-031	Mangrove Forest Conservation-Based Tourism Industry Development in Indonesia	Erni Puspanantasari Putri	161-167
24	IEICES09-032	Suitability Mapping for White-fleshed (Hylocereus undatus) and Red-fleshed (Hylocereus costaricensis) Dragon fruit Farming in Butuan City Using Multi-Criteria Decision Analysis and GIS	Armdin A. Valmoria	168-174
25	IEICES09-033	GIS-Based Land Suitability Analysis for Adlai Grits (Coix Lacryma-Jobi L.) Cultivation in Agusan Del Sur Using Multi-Criteria Decision-Making	Armdin A. Valmoria	175-181
26	IEICES09-035	Assessment on the Level of Mechanization in the Production and Post-Production Systems of Corn in Surigao del Sur, Philippines	May Rose Boston-Osoteo	182-187
27	IEICES09-036	Effects of car wake on performance of low-capacity wind turbine mounted on highways	Thanh Dat Phan	188-195
28	IEICES09-037	Measuring The Enjoyment of Mobile Library Services among University Students in Bangladesh: A Study	Sadia Sultana Emu	196-200
29	IEICES09-038	ASSESSMENT ON THE LEVEL OF MECHANIZATION IN THE RICE PRODUCTION AND POST-PRODUCTION SYSTEMS IN SURIGAO DEL SUR	Art M. Dalman	201-206
30	IEICES09-039	Progresses in Utilizing Quantum Dot Nanomaterials for Various Industrial Applications.	Newton Neogi	207-213
31	IEICES09-040	Impact Assessment of Land Use and Land Cover Change of Agusan River Basin to Climate Using Geospatial Techniques and Regression Analysis	ALJON E. BOCOBO	214-220
32	IEICES09-041	J-tip Blood Channel Fluid Dynamics Simulation	Muhammad Javaid Afzal	221-225
33	IEICES09-042	Study the heat exchanger through ANSYS Fluent	Muhammad Sufian	226-231

34	IEICES09-043	Development and Evaluation of Taro (Colocasia Esculenta) Leaves And Banana Pseudo Stem (Musa Acuminata) as an Alternative Hydrophobic Paper Bag	Joan Jane J. Sanchez	232-239
35	IEICES09-044	Assessment of Land Use Land Cover Classification using Support Vector Machine and Random Forest Techniques in the Agusan River Basin through Geospatial Techniques	JUVEN G. LUZORATA	240-246
36	IEICES09-045	Hydrogen production of anaerobic digestion: A review	DING JIANNING	247-252
37	IEICES09-046	Effects of Target-Substrate Distance on Growth and Mechanical Characteristics of Nanodiamond Composite Coatings Fabricated by Coaxial Arc Plasma Deposition on WC-Co Substrate	Mohamed Ragab Diab	253-260
38	IEICES09-048	Analyzing the Behavior of Li-B Electrothermal Voltage and Capacity Loss under Varying Temperatures and Discharge rates	Muhammad Arsalan	261-266
39	IEICES09-049	Analyzing the Viability of Decentralized Renewable Energy Solutions for Rural Electrification in Marginalized Communities of Pakistan	Rafiq Ahmad	267-271
40	IEICES09-050	Simulation of Two Series Packed-Bed Reactors for SO₂ Oxidation Reaction	Alimzhan Kalbekov	272-278
41	IEICES09-052	Investigating the Influence of Urban Density and Concentrations on Commuting Distance and Time: Empirical Evidence from Suhag City	Islam M. S. Abouelhamd	279-286
42	IEICES09-053	Irradiation-Induced Hardening of Zircaloy-2 at Room Temperature Under External Stress Conditions	Luwei XUE	287-292
43	IEICES09-054	The role of local energy markets in low voltage networks: community-based approaches	Mehrani Modi	293-298
44	IEICES09-055	A study on Zerovalent Iron Nanoparticles, Fe²⁺ and Fe³⁺ enhanced double chamber microbial fuel cells	Yu Xie	299-304
45	IEICES09-056	The Legacy of urban sprawl on wildlife conservation: A case study of Nairobi National Park	Ruth Onkangi	305-312
46	IEICES09-058	Mini review on the application research of nanoscale zero valent iron in water treatment	Luo Yi	313-320
47	IEICES09-059	Design and development of an Artificial Neural Network-based Maximum Power Point Tracker (ANN_MPPT) for the residential solar photovoltaic	Ryotaro Torikai	321-326
48	IEICES09-060	Integrating Prior Knowledge from Meta-Learning and Large Language Models for Cold-Start Recommendation	Yixiao Liu	327-333
49	IEICES09-061	Exploring the Magnéli Phase of Transition Metal Oxides: A Promising Frontier for Thermoelectric Advancements	Mostafa M. Elkady Hakem	334-342
50	IEICES09-062	OpenFOAM-based Numerical Simulation on Capillary Flow in Closed Hierarchical Microchannels	Gaurav Kumar	343-348
51	IEICES09-064	Enhanced Biomass Gasification by Catalyzing the Pyrolysis of cedarwood Using Biochar Catalyst	Ramadan Eljamal	349-354

52	IEICES09-065	Biophysical investigation of the binding mechanism for industrial dye molecular association with serum protein	Rengka Tissopi	355-360
53	IEICES09-066	Performance Analysis of Robust Acoustic Circular Microphone Array Beamformer	Sarah Nigar	361-367
54	IEICES09-067	Utilization of Metal Based Nanomaterials in DSSC: A Review.	MD. Golam Sazid	368-375
55	IEICES09-068	A Mini Overview of Wastewater and River Water Treatment by Various Nanoparticles	Tahzib Ibrahim Protik	376-383
56	IEICES09-069	An Overview and Statistical Study on the Photocatalytic Activities of Fe based metal oxide Nanoparticles.	Tahzib Ibrahim Protik	384-390
57	IEICES09-070	Empowering Sustainability, Innovative Deep Learning and Remote Sensing Solutions for Urban Monitoring and Sustainable Development	MUHAMMAD SALEM	391-396
58	IEICES09-071	Numerical Study of Jet Inverse Diffusion Flames Issuing from an Elliptical Burner	Ahmed Amer Ahmed Amer Mahgoub	397-404
59	IEICES09-072	Conjugated Polymers and ROMP: Synthesis, Applications, and Prospects for Technological Innovations	Mahmoud Masoud	405-411
60	IEICES09-073	Assessment of water safety and associated health risks of Nagaland's capital, Kohima: A physico-chemical and statistical investigation	Senchumbeni Yanthan	412-416
61	IEICES09-074	Advances in Nitrogen-Vacancy color centers in diamond for magnetometry: Advantages and Challenges	Ali Abdelrahman	417-422
62	IEICES09-075	Stability of Partially Premixed Ammonia /Methane Flames in a Concentric Flow Conical Nozzle Burner	Eslam Ibraheam Mohamed	423-428
63	IEICES09-076	Statistical analysis of turbulent flow over a building array using LES	Haitham Ahmed Mohamed Osman	429-434
64	IEICES09-077	Effect of Inner Swirl Angle on Flame Stability of a Double-Swirl Burner with Biogas-Methane Co-Firing	Ahmed Mohamed Abdulnaim	435-440
65	IEICES09-078	Valorization of post-consumer plastic packaging into a composite material	RAFENOMANANJARA Tsinjo Nirina	441-446
66	IEICES09-079	Indicator for formulating and measuring the Urban Sustainability Index: A Review	Baskaran Venkatesh	447-452
67	IEICES09-080	Comparative Performance Analysis Between Multi-Input Boost Converter and Multi-Input SEPIC Converter for Renewable Energy Sources	Nayeem Ahmed	453-459