

List of Reviewers
(as per the published articles)
Year: 2025

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2025 - Volume 27 [Issue 1]

Integrated IoT-based Smart Billing and LPG Gas Leakage Detection System for Energy Efficiency and Safety in Smart Living
DOI: 10.9734/jerr/2025/v27i11364

Reviewers:

- (1) Swagata Barik, University of Calcutta, India.
- (2) Ibtihaaj Abdulwahhab Abdulrazzak, Al-Iraqia University, Iraq.
- (3) Oladapo Victor Bejide, Dorben Polytechnic, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/127748>

Scalable IoT-based Smart Plant Monitoring and Control System for Sustainable Agriculture
DOI: 10.9734/jerr/2025/v27i11365

Reviewers:

- (1) Babasaheb Dnyandeo Patil, Bharati Vidyapeeth (Deemed to be University), Pune, Institute of Management and Rural Development Administration, India.
- (2) T. Mysami, Grd College of Science, Bharathiar University, India.
- (3) Lellapalli Rithesh, Kerala Agricultural University, India.

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Development of a Palm Oil Clarifier Unit for Small Scale Palm Oil Processors
DOI: 10.9734/jerr/2025/v27i11366

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- (1) David Aniefiok Titus, Federal University Otuoke, Nigeria.
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- (3) Pramod Prabhakar, BAU, Sabour, India.

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Design of High Precision Dynamic Star Emulator by Two-beam Combination Method
DOI: 10.9734/jerr/2025/v27i11367

Reviewers:

- (1) Radheshyam Rathore, Mumbai University, India.
- (2) G. Nagalalli, Mahendra Engineering College, India.
- (3) Ravipati Srikanth, Vignan's Nirula Institute of Technology & Science for Women, India.
- (4) Manu Mitra, University of Bridgeport, USA.

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Impact of Fuel Injection Pressure and Timing on the Performance and Emissions of a Low Heat Rejection CI Engine with Fish Oil Methyl Ester, DEE and Butanol Blend
DOI: 10.9734/jerr/2025/v27i11368

Reviewers:

- (1) K. Sunil Kumar, Sri Venkateswara College of Engineering, India.
- (2) K. Siva Satya Mohan, Aditya College of Engineering & Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128356>

Influence of Sodium Silicate on the Properties of Wood Ash Blended Cement Concrete
DOI: 10.9734/jerr/2025/v27i11369

Reviewers:

- (1) Sani Aliyu, Kampala International University, Uganda.
- (2) S. Suresh, Sona College of Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128898>

Simulation Study Based on the Influencing Factors of Vibrating Screen Screening Efficiency
DOI: 10.9734/jerr/2025/v27i11370

Reviewers:

- (1) Adil Abd Elsamia Meselhy, Desert Research Center, Egypt.
- (2) Mahmood Rahmani Firozjaei, College of Engineering, University of Tehran, Iran.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129226>

Enhancement of the Small-Signal Stability of Nigerian 330 kV Transmission Network using Static Synchronous Compensator
DOI: 10.9734/jerr/2025/v27i11371

Reviewers:

- (1) R. Nithya, C.K. College of Engineering & Technology, Anna University, India.
- (2) Zulfiana Safitri Majid, State Polytechnic of Ujung Pandang, Indonesia.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128993>

GIS-Based Analysis of Crop Yield Trends in Response to Climate Change Using Data-Driven Analysis Systems (DDAS) Techniques
DOI: 10.9734/jerr/2025/v27i11372

Reviewers:

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- (2) Jaikumar M. Patil, Shri Gajanan Maharaj College of Engineering, India.

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Analytic Determination of the Roller Length of a Hydraulic Jump in an Open Channel Flow Using a Bouncing Ball
DOI: 10.9734/jerr/2025/v27i11373

Reviewers:

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- (4) S. K. Mazumder, Delhi Technology University, India.

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Optimized ANN-Based Methodology for Fault Detection and Localization in Power Transmission Networks
DOI: 10.9734/jerr/2025/v27i11374

Reviewers:

- (1) A. Balamurugan, Shree Sathyam College of Engineering and Technology, India.
- (2) Sathishkumar Chintala, United States of America.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129339>

Modeling Mechanical Properties of Concrete with Bida Natural Stones as Coarse Aggregate
DOI: 10.9734/jerr/2025/v27i11375

Reviewers:

- (1) R Ranjith, Narayana Engineering College, India.
- (2) Abdelaziz Yousuf Mohamed, Yildiz Technical University, Türkiye.
- (3) Ananya Saha, Khulna University of Engineering & Technology, Bangladesh.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129347>

The Use of Reinforced Concrete for Durable and Aesthetic Sports and Recreational Sports
DOI: 10.9734/jerr/2025/v27i11376

Reviewers:

- (1) Manoj Hirji Mota, Shivaji University, India.
- (2) Vikrantkumar Amrutlal Patel, Sankalchand Patel College of Engineering, Sankalchand Patel University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128549>

Investigating Stability and Structural Behavior of Steel Pipe Column-Berger Beam Systems
DOI: 10.9734/jerr/2025/v27i11377

Reviewers:

- (1) Amanyire Barozi Victoire, International University of East Africa, Uganda.
- (2) Vivekanandan R, Government College of Engineering, India.

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DOI: 10.9734/jerr/2025/v27i11378

Reviewers:

- (1) Ohaegbue Anthony Dumebi, Ladoke Akintola University of Technology, Nigeria.
- (2) Muhammad Shafiq, Abbottabad University of Science & Technology, Pakistan.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129548>

Construction Technology and Quality Control of Reinforced Concrete Beam and Column Joints
DOI: 10.9734/jerr/2025/v27i11379

Reviewers:

- (1) Win Ko Myint Thu, Russian University of Transport, Myanmar.
- (2) Pradeep A R, Sri Siddhartha Academy of Higher, India.
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DOI: 10.9734/jerr/2025/v27i11380

Reviewers:

- (1) Hussein Sadiq Latief, Southern Technical University, Iraq.
- (2) A. Mohan, Easwari Engineering College, India.
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Complete Peer Review History: <https://sdiarticle5.com/review-history/129536>

Numerical Analysis of Welding Heat Source Temperature Field
DOI: 10.9734/jerr/2025/v27i11381

Reviewers:

- (1) M V N Srujan Manohar, Malla Reddy University, India.
- (2) S. Saravanan, Annamalai University, India.
- (3) Valery Kostin, E.O. Paton Electric Welding Institute, Ukraine.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129851>

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DOI: 10.9734/jerr/2025/v27i11382

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DOI: 10.9734/jerr/2025/v27i11383

Reviewers:

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- (2) Intekhab Uddin Ahmad Chy, Rajshahi University of Engineering & Technology, Bangladesh.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129795>

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DOI: 10.9734/jerr/2025/v27i11384

Reviewers:

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Data Governance for Emerging Technologies: A Conceptual Framework for Managing Blockchain, IoT, and AI
DOI: 10.9734/jerr/2025/v27i11385

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DOI: 10.9734/jerr/2025/v27i11386

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- (2) Maria Pilarczyk, Czestochowa University of Technology, Poland.
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Complete Peer Review History: <https://sdiarticle5.com/review-history/129667>

Innovative Practices in Large-span Prestressed Concrete Beam Construction for Housing Projects
DOI: 10.9734/jerr/2025/v27i11387

Reviewers:

- (1) Seymour Razimoghly, Azerbaijan University Architecture and Construction, Azerbaijan.
- (2) Mohamed Salem, Housing and Building National Research Center (HBRC), Egypt.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129806>

RODDMS-IoT: A Radar Based Real-Time Moving Object Detection and Distance Measurement System Using IoT for Enhanced Safety
DOI: 10.9734/jerr/2025/v27i11388

Reviewers:

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- (2) Dileep Reddy Bolla, Nitte University, India.

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Development of an IoT-based Traffic Signal Violation Detection System
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DOI: 10.9734/jerr/2025/v27i21390

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DOI: 10.9734/jerr/2025/v27i21391

Reviewers:

- (1) Ahmed Olabisi Olajide, University of Bradford, United Kingdom.
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DOI: 10.9734/jerr/2025/v27i21392

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Construction of an Experimental Device for Military Communication Using Binary Amplitude Shift Keying
DOI: 10.9734/jerr/2025/v27i21393

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- (1) Belay Sitotaw Goshu, Dire Dawa University, Ethiopia.
- (2) Chinchu Joseph, Defence Institute of Advanced Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130084>

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DOI: 10.9734/jerr/2025/v27i21394

Reviewers:

- (1) Masoud Mahdavi, K. N. Toosi University of Technology, Iran.
- (2) Pedro Seco e Pinto, University of Coimbra, Portugal.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129665>

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DOI: 10.9734/jerr/2025/v27i21395

Reviewers:

- (1) Hadi Kolivand, Razi University, Iran.
- (2) Suraj Shukla, Atmiya Institute of Technology and Science, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129986>

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DOI: 10.9734/jerr/2025/v27i21396

Reviewers:

- (1) Roberto P.L. Caporali, Italy.
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Machine Learning in Construction: A Systematic Review with a Focus on Nigeria
DOI: 10.9734/jerr/2025/v27i21397

Reviewers:

- (1) Rita Li, Hong Kong Shue Yan University, China.
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Complete Peer Review History: <https://sdiarticle5.com/review-history/129414>

Enhancing Liquid Metal Quality in Aluminum Alloys: A Study on Refining Techniques
DOI: 10.9734/jerr/2025/v27i21398

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DOI: 10.9734/jerr/2025/v27i21399

Reviewers:

- (1) Ajit Kumar, Noida Institute of Engineering and Technology, India.
- (2) Shakir Mehdiyev, Cyber-Physical Systems Institute of Information Technology, Azerbaijan.
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Complete Peer Review History: <https://sdiarticle5.com/review-history/130365>

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DOI: 10.9734/jerr/2025/v27i21400

Reviewers:

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- (4) Rakesh Kumar ER, Texila American University, Guyana.

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DOI: 10.9734/jerr/2025/v27i21401

Reviewers:

- (1) T Ravi Kumar, DMS SVH College of Engineering, India.
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Complete Peer Review History: <https://sdiarticle5.com/review-history/126004>

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DOI: 10.9734/jerr/2025/v27i21402

Reviewers:

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Complete Peer Review History: <https://sdiarticle5.com/review-history/129975>

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DOI: 10.9734/jerr/2025/v27i21403

Reviewers:

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- (2) Yusuf Waidi, Nigeria.

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DOI: 10.9734/jerr/2025/v27i21404

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- (4) Osamah Fadhil Abdulateef, University of Baghdad, Iraq.
- (5) Xiaomin Chen, China.

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DOI: 10.9734/jerr/2025/v27i21405

Reviewers:

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Well-to-Wheel Efficiency and Energy Consumption Analysis for Mild Hybrid Electric Vehicles
DOI: 10.9734/jerr/2025/v27i21406

Reviewers:

- (1) Billa Pardhasaradhi, Kalasalingam Academy of Research and Education, India.
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Complete Peer Review History: <https://sdiarticle5.com/review-history/130695>

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DOI: 10.9734/jerr/2025/v27i21407

Reviewers:

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- (2) Archana Balkrishna Yadav, Gujarat Technological University, India.
- (3) Alireza Safariyan, Jahrom University, Iran.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129979>

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DOI: 10.9734/jerr/2025/v27i21408

Reviewers:

- (1) Antony Pradeesh, KG College of Arts and Science, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/129972>

Using TOGAF for Migration of Monolith Systems to Microservices
DOI: 10.9734/jerr/2025/v27i21409

Reviewers:

- (1) Ravi Kumar Vankayalapati, USA.
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- (3) Mahesh Kumar Bagwani, RGPV, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/129980>

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DOI: 10.9734/jerr/2025/v27i21410

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/129976>

Exploring the Integration of Deep Learning in CCTV Systems for Enhanced Security Measures in Academic Libraries
DOI: 10.9734/jerr/2025/v27i21411

Reviewers:

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- (2) Madhuri Rao, Dr. Vishwanath Karad MIT World Peace University, India.

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DOI: 10.9734/jerr/2025/v27i21412

Reviewers:

- (1) S. Lara Priyadarshini, PSGR Krishnammal College For Women, India.
- (2) Ahmed Olabisi Olajide, University of Bradford, United Kingdom.
- (3) Gaurav Shekhar, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131024>

Adversarial Threats to AI-Driven Systems: Exploring the Attack Surface of Machine Learning Models and Countermeasures
DOI: 10.9734/jerr/2025/v27i21413

Reviewers:

- (1) Shakir Mehdiyev, Institute of Information Technology of Ministry of Science and Education, Azerbaijan.
- (2) Sudhanshu Sekhar Tripathy, C.V Raman Global University Bhubaneswar Odisha, India.
- (3) Rianat Abbas, Baylor University, United States.
- (4) Rajesh Tanti, OP Jindal University, India.

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The Ethical and Legal Implications of Shadow AI in Sensitive Industries: A Focus on Healthcare, Finance and Education
DOI: 10.9734/jerr/2025/v27i31414

Reviewers:

- (1) Junaid Sattar Butt, Pakistan.
- (2) Shaila Rana, Purdue University Global, USA.
- (3) Tamijeselman. S, Mother Theresa PG and Research Institute of Health Sciences, India.
- (4) Muhammad Ashraf Faheem, Lahore Leads University, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131355>

AI-Driven Fraud Detection: A Risk Scoring Model for Enhanced Security in Banking
DOI: 10.9734/jerr/2025/v27i31415

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- (1) Lakshminarayana Kothapalli Sondinti, USA.
- (2) Raja Chattopadhyay, US.
- (3) Nikita S Nille, G H Raison College of Engineering & Management, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131079>

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DOI: 10.9734/jerr/2025/v27i31416

Reviewers:

- (1) Lalu P. George, SCMS School of Technology and Management, India.
- (2) Langaliya Vishalkumar Bharatkumar, SSR College of Arts, Commerce and Science, India.
- (3) Hemraj S L, Vellore Institute of Technology Bhopal University, India.
- (4) Mahmood Subhy Mahmood, University of Mosul, Iraq.
- (5) Santosh Kumar Singh, GGSIP University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131308>

Development of Fuzzy Logic Automatic Fish Feeding System and IoT-based Water Quality Control
DOI: 10.9734/jerr/2025/v27i31417

Reviewers:

- (1) Gopinath K, School of Electronics Engineering, Vellore Institute of Technology, VIT University, India.
- (2) Alexuta Daniel, Aurel Vlaicu University of Arad, Romania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131157>

Characterization and Management Strategies for Municipal Solid Waste in Enugu Metropolis: Insights for Sustainable Waste Solutions
DOI: 10.9734/jerr/2025/v27i31418

Reviewers:

- (1) Ashish Khanal, TERI School of Advanced Studies, India.
- (2) Abdulrazak Almaliki, King Abdul-Aziz University, Saudi Arabia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/124155>

Advanced Data Analytics for Real-Time Performance Engineering
DOI: 10.9734/jerr/2025/v27i31419

Reviewers:

- (1) Bhavik Vishnubhai Patel, USA.
- (2) S. Lara Priyadarshini, PSGR Krishnammal College for Women, India.
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Analysis of Submersible Pump Performance in a Waterlogged Environment
DOI: 10.9734/jerr/2025/v27i31420

Reviewers:

- (1) Md. Shariful Islam, Khulna University of Engineering & Technology (KUET), Bangladesh.
- (2) Kaveh Hariri Asli, Islamic Azad University, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131153>

Wind Energy Potential in Nigeria: A Computational Study of Wind Turbine Performance
DOI: 10.9734/jerr/2025/v27i31421

Reviewers:

- (1) Mohd Hasham Ali, Muffakham Jah College of Engineering and Technology, India.
- (2) Md Moyeed Abrar, Khaja Bandanawaz University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131444>

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DOI: 10.9734/jerr/2025/v27i31422

Reviewers:

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- (2) Sanjeev Kumar, Graphic Era Deemed to be University, India.
- (3) Mojtaba Saneie, Soil Conservation and Watershed Management Research Institute, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131139>

Enhancing Disaster Recovery and Business Continuity in Cloud Environments through Infrastructure as Code
DOI: 10.9734/jerr/2025/v27i31423

Reviewers:

- (1) M. Nagarajan, Alagappa Institute of Management, Alagappa University, India.
- (2) Vinod Kumar, Vallabh Government College Mandi, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131144>

Can AI Reduce Bias in Tenant Screening? An In-Depth Analysis for the US Market
DOI: 10.9734/jerr/2025/v27i31424

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Improving Road Safety: Assessing Curve Geometry of Road Network in Rivers State University Main Campus, Port Harcourt, Nigeria
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Toward Certification of Wing-Structure- Integrated Hydrogen Tanks: A Cross-Industry Review of Relevant Standards
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Analysis of Signalized Traffic Control Systems in Uyo Metropolis
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Design and Implementation of the Cloud Platform System of the Picking Robot
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The Use of Straw Grass as a Sustainable Approach in Reinforcement of Ring Culvert
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Well-to-Wheels Efficiency Analysis for Plug-in Hybrid Electricvehicles
DOI: 10.9734/jerr/2025/v27i31437

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132151>

Modeling and Simulation Analysis of Hybrid Electric Vehicle Based on AMESim Software
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Securing Confidentiality in Distributed Ledger Systems with Secure Multi-party Computation for Financial Data Protection
DOI: 10.9734/jerr/2025/v27i31439

Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132471>

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Recent Advancements in Machine Vision Systems for Industrial Defect Detection: A Review
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Developing Proactive Threat Mitigation Strategies for Cloud Misconfiguration Risks in Financial SaaS Applications
DOI: 10.9734/jerr/2025/v27i31442

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The Role of Zero-Knowledge Proofs in Blockchain-Based Property Transactions to Ensure Data Privacy and Compliance with UK Regulations
DOI: 10.9734/jerr/2025/v27i31443

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132625>

Enhancing Data Resilience in Cloud-based Electronics Health Records through Ransomware Mitigation Strategies Using NIST and MITRE ATT&CK Frameworks
DOI: 10.9734/jerr/2025/v27i31444

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Performance Evaluation of a Hybrid Dryer for Grains
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Optimizing Energy Recovery in Hybrid Electric Vehicles Using A-ECMS Strategy
DOI: 10.9734/jerr/2025/v27i31446

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132562>

Application of Intelligent Overcurrent Relays for Real-time Protection of Induction Motor under Fault Conditions
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Improvement of the Mechanical and Water Absorption Properties of C. Citratus Fibre Reinforced Polyester Composite: Response Surface Methodology Approach
DOI: 10.9734/jerr/2025/v27i31448

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132485>

Comparative Study on Static Voltage Stability Indices of New Energy Power Station Grid-Connected System
DOI: 10.9734/jerr/2025/v27i31449

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- (2) Bugatha Ram Vara Prasad, Lendi Institute Of Engineering And Technology, India.

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Impact of Statistical Software and Separation Methods for Bio-Oil Extraction from Yellow Oleander Seeds: A Review (2011-2023)
DOI: 10.9734/jerr/2025/v27i41450

Reviewers:

- (1) Pravin Sankhwar, Michigan Technological University, USA.
- (2) Saif Ali Kadhim, University of Technology, Iraq.

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Wet Electrostatic Precipitators in Food Processing Plants
DOI: 10.9734/jerr/2025/v27i41452

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Development of an Ultrasonic Chicken Counter
DOI: 10.9734/jerr/2025/v27i41453

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132690>

Multiclass Retinal Image Classification for Diabetic Retinopathy Stages Using DenseNet
DOI: 10.9734/jerr/2025/v27i41454

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- (2) Snehal R. Shinde, SVU, India.

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Investigation Into Skilled Labour Deficient Trades in Building Delivery Process in South East, Nigeria
DOI: 10.9734/jerr/2025/v27i41455

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Artificial Intelligence in Legal Practice: Opportunities, Challenges, and Future Directions
DOI: 10.9734/jerr/2025/v27i41456

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133383>

Development of an Intelligent Model for Voltage Stability Assessment and Enhancement of Nigeria 330 kV System with High Penetration of Solar-Wind System
DOI: 10.9734/jerr/2025/v27i41457

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Enhanced Malware Detection in Windows Applications Using Ensemble Learning Techniques
DOI: 10.9734/jerr/2025/v27i41458

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133345>

Theoretical Foundations and Advanced Applications with Digital Twins in Various Contexts
DOI: 10.9734/jerr/2025/v27i41459

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Physical Planning Administration and Policy in Awka Capital Territory, Anambra State, Nigeria: Liveability of the Environment and Avert Potential Future Disasters
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DOI: 10.9734/jerr/2025/v27i41462

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Predictive Cybersecurity Risk Modeling in Healthcare by Leveraging AI and Machine Learning for Proactive Threat Detection.
DOI: 10.9734/jerr/2025/v27i41463

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DOI: 10.9734/jerr/2025/v27i41465

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Quantum-Resistant Blockchain Architectures for Securing Financial Data Governance against Next-Generation Cyber Threats
DOI: 10.9734/jerr/2025/v27i41466

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EC-MAP: A Lightweight Elliptic Curve-based Mutual Authentication Protocol for Secure IoT-Cloud Communication
DOI: 10.9734/jerr/2025/v27i41467

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Cybersecurity Risk Stratification Framework Using Multilevel Clustering: An Automated Threat Attribution and Categorization Approach for Cross-industry Cybersecurity
DOI: 10.9734/jerr/2025/v27i41469

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A Systematic Review of AI-Powered Software Testing in Healthcare: Methodologies, Challenges, and Future Directions
DOI: 10.9734/jerr/2025/v27i41470

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DOI: 10.9734/jerr/2025/v27i41471

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Design, Simulation and Analysis of a 3 MW Grid-connected Solar PV System in Nigeria Using Matlab/Simulink
DOI: 10.9734/jerr/2025/v27i41472

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Framework for Deep Learning Integration in Energy Grid Optimization to Enhance Efficiency and Reliability
DOI: 10.9734/jerr/2025/v27i41473

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Development and Evaluation of Wearable Smart Gloves for Real-time Sign Language Translation
DOI: 10.9734/jerr/2025/v27i41475

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The Effect of Polymers on Permeability During Polymer Flooding
DOI: 10.9734/jerr/2025/v27i41476

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Integrating Digital Twin Technology in Energy Management: A Review of Smart Building Solutions
DOI: 10.9734/jerr/2025/v27i41477

Reviewers:

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A Comparison of Lean Logistics vs Traditional Logistics is Warranted
DOI: 10.9734/jerr/2025/v27i41478

Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134525>

Effect of Dirt on Solar Photovoltaic Cell Performance in Umuseti, Kwale, Delta State, Nigeria
DOI: 10.9734/jerr/2025/v27i41479

Reviewers:

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Effectiveness of Water Alternating Gas Injection (WAG) for Oil Recovery in the Niger Delta
DOI: 10.9734/jerr/2025/v27i41480

Reviewers:

- (1) Walid Rezig, University of Sciences and Technology of Oran Mohamed Boudiaf USTO-MB, Algeria.
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Comparative Analysis of Hybrid Machine Learning Models for Photovoltaic Energy Output Prediction: A Case Study from Nigeria's South-South Region
DOI: 10.9734/jerr/2025/v27i41481

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134621>

Powering the Future: A Global Analysis of Well-to-Wheel Efficiency in Electric Vehicles
DOI: 10.9734/jerr/2025/v27i41482

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- (2) Niraj Mishra, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134820>

Internet of Things in Petroleum: A Review of Benefits and Challenges
DOI: 10.9734/jerr/2025/v27i41483

Reviewers:

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- (4) Ramesh G, Vaagdevi Engineering College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131564>

The Influence of Biomass Power Plant Ash on the Mechanical Properties of Recycled Aggregate Concrete: A Review
DOI: 10.9734/jerr/2025/v27i41484

Reviewers:

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- (2) Jighigh Eric Annune, Nigerian Building and Road Research Institute (NBRRI), Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134962>

A Systematic Literature Review of Smart Power Monitoring and Controlling Systems for Smart Homes
DOI: 10.9734/jerr/2025/v27i41486

Reviewers:

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- (2) Ammar Ali Sahrab, University of Mustansiriyah, Iraq.
- (3) Samuel Twum, Lovely Professional University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134702>

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Design of an Ultrasonic-Based Brake Pad Wear Detection System for Automotive Applications
DOI: 10.9734/jerr/2025/v27i51487

Reviewers:

- (1) Maznah Binti Iliyas Ahmad, Politeknik Sultan Azlan Shah, Malaysia.
- (2) Naveen Kumar, Sanjivani College of Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133380>

Telescopic Conveyor System: A Review on Design, Development and Optimization
DOI: 10.9734/jerr/2025/v27i51488

Reviewers:

- (1) Ashish Kumar Thakur, Mekelle University, Ethiopia.
- (2) Sameer Jain, NICMAR University Pune, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134692>

AI-Powered Interview Preparation System: Integrating Resume Analysis, HR Simulation, and Technical Skill Assessment
DOI: 10.9734/jerr/2025/v27i51489

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- (1) Tanmay Samanta, St. Xavier's University, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135303>

Assessment of Design and Implementation of a Smart Wearable Safety Jacket
DOI: 10.9734/jerr/2025/v27i51490

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Evaluation of Rheological and Tribological Properties of African Pear Oil (Atile) As an Eco-friendly Alternative to Conventional Lubricants for Grass-cutting Machines
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Reviewers:

- (1) Richa Tiwari, R.T.M. Nagpur University, India.
- (2) Sharun Mendonca, St Joseph Engineering College, India.
- (3) Rasha S. Kamal, Egyptian petroleum research institute, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134699>

Engineering Ghana's Future: The Impact of Emerging Technologies and Digital Transformation
DOI: 10.9734/jerr/2025/v27i51492

Reviewers:

- (1) Dhaivat Shah, Sardar Vallabhbhai Global University, India.
- (2) Chandra Bhooshan Singh, Kalinga University, India.
- (3) Yijie Weng, University of Maryland College Park, United States.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133551>

A Survey of IoT-Based Smart Helmet Technologies for Motorcycle Rider's Safety
DOI: 10.9734/jerr/2025/v27i51493

Reviewers:

- (1) Bassey Asuquo Ekanem, Novena University, Nigeria.
- (2) Rahul Mahala, Uttaranchal University, India.
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- (4) Peter Varghese, Kannur University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135008>

Dynamic Routing Resilience in MANETs: A Bio-Inspired SORA Framework with Ant Colony-driven Security and Scalability
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Reviewers:

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- (2) Mahesh Kumar Goyal, United States.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135620>

Compressive Behaviour of Tyre Fibre in Light Weight Concrete using Higher Grade of Cement
DOI: 10.9734/jerr/2025/v27i51496

Reviewers:

- (1) Inamullah Inam, Laghman University, Afghanistan.
- (2) Aashis. S. Roy, S. S. Tegnoor Degree College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135726>

Review of Intelligent Inspection Technologies for Road Bridges: Current Advances and Applications
DOI: 10.9734/jerr/2025/v27i51497

Reviewers:

- (1) Rama Chandra Rao Nampalli, USA.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135870>

AI- Driven Risk Assessment for Enhancing Third Party Vendor Security in Healthcare Systems
DOI: 10.9734/jerr/2025/v27i51498

Reviewers:

- (1) Nouri Hicham, Hassan II University of Casablanca, Morocco.
- (2) Surendra Vitla, USA.
- (3) K. Malathi, Saveetha Engineering College, India.

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Comparative Evaluation of Intelligent Agent Based Improved Control Designs of Electro-pneumatic Clutch Actuation System for Heavy Duty Vehicles
DOI: 10.9734/jerr/2025/v27i51499

Reviewers:

- (1) Gandhimathi, PSGR Krishnammal College for Women, India.
- (2) Pravin Sankhwar, USA.

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Enhancing Data Security in Artificial Intelligence Systems: A Cybersecurity and Information Governance Approach
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- (2) Oladiipo Oladepo, New Mexico State University, United States of America.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135480>

Mitigating Cybersecurity Risks in Financial Institutions through Strategic Third- Party Risk Governance Frameworks
DOI: 10.9734/jerr/2025/v27i51501

Reviewers:

- (1) Mohit Tiwari, Bharati Vidyapeeth's College of Engineering, India.
- (2) Wesley Odeh Odumu, Plateau State Polytechnic Barkin Ladi Plateau State, Nigeria.
- (3) Shalini Lamba, National PG College Lucknow, An Autonomous NAAC Grade 'A' College of University of Lucknow, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135868>

Leveraging Generative AI and Behavioral Biometrics to Strengthen Zero Trust Cybersecurity Architectures in Healthcare Systems
DOI: 10.9734/jerr/2025/v27i51502

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- (2) J. Sheeba Selvapattu, Bangalore School of Design and Technology, India.
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- (4) Md. Afroz, University of Prince Mugrin, Saudi Arabia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136025>

Design and Development of a Castor Seed Shelling and Separation Machine with Finite Element Analysis of the Shelling Drum
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Reviewers:

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- (2) Carmen Bracacescu, Romania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135758>

Modeling and Measuring the Cyber Resilience of Critical Healthcare Infrastructure against Ransomware: A Cyber-Physical Systems Risk Perspective
DOI: 10.9734/jerr/2025/v27i51504

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Energy Loss Characterization in Stepped Spillways: Experimental Study and Model Development for Slopes of 8.9°–26.6°
DOI: 10.9734/jerr/2025/v27i51505

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- (2) Kamyab Habibi, Behbahan Khatam Alanbia University of Technology, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134111>

Optimising Solar-Biomass Hybrid Energy Systems for Sustainable Rural Electrification
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- (2) Fredrick Kabwe, Delhi Technological University, India.

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Design and Development of a Low Cost 3-DOF Delta Robot for Industrial Application: A Comprehensive Analysis
DOI: 10.9734/jerr/2025/v27i51507

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- (2) Himam Saheb, India.

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Empirical Optimization of Combined Effects on Moisture Resistance of Hydrated Lime-Modified Densely Graded Asphalt Concrete under Medium Traffic: A Central Composite Design Approach
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135677>

Curbing Quackery in Ghana's Construction Procurement: Causes and Strategic Interventions
DOI: 10.9734/jerr/2025/v27i51509

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Experimental Study of the Inhibitory Property of Expired Promethazine-theoclate for Mild Steel Corrosion in Hydrochloric Acid
DOI: 10.9734/jerr/2025/v27i51510

Reviewers:

- (1) IZIONWORU, Vincent Onuegbu, Rivers State University, Nigeria.
- (2) Ologe Solomon Ochuko, University Polytechnic of Catalonia, Spain.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131156>

The Effect of Altitude, Wind Speed and Vehicle Speed on Power Generation by Vehicle-mounted Wind Turbine
DOI: 10.9734/jerr/2025/v27i51511

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- (1) Dr. Bharatish A, RV College of Engineering, Bengaluru, India.
- (2) Auwal Ibrahim, Aliko Dangote University of Science and Technology, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136116>

DSP Implemented One Cycle Control for Duty Cycle Optimization in Wide Input Voltage Range Boost Converters
DOI: 10.9734/jerr/2025/v27i51512

Reviewers:

- (1) C.C. Hong, Hsiuping University of Science and Technology, Taiwan.
- (2) Varaha Narasimha Raja Chilukoti, Anil Neerukonda Institute of Technology & Sciences (A), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136503>

Advanced Wastewater Treatment Technologies in Addressing Future Water Scarcity through Resource Recovery and Reuse
DOI: 10.9734/jerr/2025/v27i51513

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- (2) Taiwo Temitope Bakare-Abidola, Nigeria.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136569>

Assessing the Resilience of Palm-Kernel-Based Concrete to Sodium Chloride and Sulphuric Acid Attack
DOI: 10.9734/jerr/2025/v27i51514

Reviewers:

- (1) Md. Kawsarul Islam Kabbo, Khulna University of Engineering & Technology, Bangladesh.
- (2) Siddharth Pastariya, Sri Aurobindo Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136192>

Statistical Model of Generating Electricity Using Municipal Solid Waste (MSW)
DOI: 10.9734/jerr/2025/v27i51515

Reviewers:

- (1) Amit Atri, Manav Rachna International Institute of Research and Studies, India.
- (2) Emmanuel Onyenweife Ayadinuno, Nnamdi Azikiwe University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136206>

Ai-Powered Based Real Time Earthquake Early Warning System Using Deep Learning
DOI: 10.9734/jerr/2025/v27i51516

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136675>

Formulation and Performance Evaluation of Sustainable Bio-hydraulic Fluid from Spent Palm Kernel Oil Glycerin and Anacardium occidentale Leaf Extract as a Corrosion Inhibitor
DOI: 10.9734/jerr/2025/v27i51517

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- (1) Sukiman Nurdin, Tadulako University, Indonesia.
- (2) Narendra Gokarn, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134878>

Experimental Evaluation and RSM Optimization of Bio-Grease from Cottonseed Oil Using Sodium Hydroxide and Bio-Based Additives
DOI: 10.9734/jerr/2025/v27i51518

Reviewers:

- (1) Erawan Baothong, Udon Thani Rajabhat University, Thailand.
- (2) S. Lalhriatpuia, National Institute of Technology Mizoram, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134876>

Stress and Deformation Analysis of Additively Manufactured Spur Gears Using Directed Energy Deposition (DED)
DOI: 10.9734/jerr/2025/v27i51519

Reviewers:

- (1) Maher Rehaif Khudhair, AL-Furat Al- Awsat Technical University, Iraq.
- (2) Purushottam Karthik Janaswamy, Annamalai University Faculty of Engineering and Technology, India.
- (3) Prithwiraj Jana, West Bengal University of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137051>

Responsible AI for Cybersecurity: Assessing the Barriers, Biases and Governance Gaps in Implementation with E-commerce Systems
DOI: 10.9734/jerr/2025/v27i51520

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- (1) T.Kh. Rakhimov, National University of Uzbekistan, Uzbekistan.
- (2) Joseph Chukwunweike, UK.
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- (4) Bharat Reddy Maddireddy, US.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136774>

Synergistic Effects of Silica Fume and Recycled Aggregate in M30 Concrete
DOI: 10.9734/jerr/2025/v27i51521

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136355>

Modeling Hierarchical Systems in Graph Signal Processing, Electric Circuits, and Bond Graphs Via Hypergraphs and Superhypergraphs
DOI: 10.9734/jerr/2025/v27i51522

Reviewers:

- (1) Mustapha ADAR, Sultan Moulay Slimane, Morocco.
- (2) Ozgur Erdag, Kafkas University, Turkey.
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- (4) Hari Krishnan S, Sanskrithi School of Engineering Puttaparthi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136570>

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A Multiscale Approach to Cyber-Mechanical Threat Modeling for Predicting and Preventing Failures in Critical Energy Infrastructure
DOI: 10.9734/jerr/2025/v27i61523

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- (2) Vijay Kartik Sikha, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136698>

A Differential Privacy-Preserving Framework for Secure Cloud-Based Medical Information Systems
DOI: 10.9734/jerr/2025/v27i61525

Reviewers:

- (1) Roshni Madhukar Bhawe, Yeshwantrao Chavan College of Engineering, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136999>

An Optimized Deep Wavelet Autoencoder System for Detecting Tumors in Brain
DOI: 10.9734/jerr/2025/v27i61526

Reviewers:

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Integrating Spatial Tsunami Risk Analysis and Community Preparedness in Tambakrejo Village, Indonesia
DOI: 10.9734/jerr/2025/v27i61527

Reviewers:

- (1) Neetesh Kumar, Indira Gandhi National Open University, India.
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Federated Detection Systems for Insider Threats in Energy Facilities Using Biomechanical Access Control and AI-Based Cybersecurity
DOI: 10.9734/jerr/2025/v27i61528

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- (1) Pawanjeet Kaur, Shri Venkateshwara University, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136833>

Intelligent Fault Diagnosis in 330 kV Power Networks Using SVM and ANN Techniques: Case of the Onitsha-New Haven Route
DOI: 10.9734/jerr/2025/v27i61530

Reviewers:

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- (2) Suresh D, Anna University, CMS College of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136787>

3D-printed Housing for Remote and Disaster-prone U.S. Regions: Technological Potential and Deployment Challenges
DOI: 10.9734/jerr/2025/v27i61531

Reviewers:

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- (2) Ghufuran Ahmad Khan, University of Technology and Applied Science, Oman.

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Design of Smart-real Time Monitoring Wearable Safety Jacket for Hard Industrial Environments
DOI: 10.9734/jerr/2025/v27i61532

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Harnessing IoT for Climate Action: Opportunities, Applications, and Challenges in Building a Sustainable Future
DOI: 10.9734/jerr/2025/v27i61533

Reviewers:

- (1) Shankar Lingam M, CDU, India.
- (2) A.O Adewole, Abraham Adesanya Polytechnic, Nigeria.
- (3) Seun Adeoye, University of The People, United States of America.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137126>

Advancements in Fluid Rheology for Improved Control in Complex Deepwater Geologies
DOI: 10.9734/jerr/2025/v27i61534

Reviewers:

- (1) Umanu Ochoma, Rivers State College of Nursing Sciences, Nigeria.
- (2) Ravikantha Prabhu, St Joseph Engineering College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136980>

Parametric Study of Drone-based Gas Pollution Monitoring System Integrating Internet of Things Technology
DOI: 10.9734/jerr/2025/v27i61535

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- (1) Ram Bansal, Medicaps University, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137179>

Multi-agent System Optimal Expansion Planning for Management of Renewable Distributed Generations
DOI: 10.9734/jerr/2025/v27i61536

Reviewers:

- (1) Dr. David Armando Contreras-Solorio, University of Zacatecas, Mexico.
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Smart Real-Time Electricity Monitoring and Remote Control System in Smart Homes
DOI: 10.9734/jerr/2025/v27i61537

Reviewers:

- (1) Samuel Twum, Lovely Professional University, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137723>

Balancing Encryption Laws and National Security: Challenges for Data and Energy Sector Collaboration across Borders
DOI: 10.9734/jerr/2025/v27i61538

Reviewers:

- (1) Nihar Malali, USA.
- (2) Pavan Nutalapati, USA.
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- (5) Nishchal Soni, Lovely Professional University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137791>

Numerical Investigation of MHD Nanofluid Flow over an Exponentially Stretching Porous Sheet with Activation Energy, Chemical Reaction, and Non-Uniform Heat Source
DOI: 10.9734/jerr/2025/v27i61539

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- (2) Moustapha OUALI, Abdelmalek Essaadi University, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137650>

An Experimental Study on the Effect of Foamed Concrete Bulk Density on its Thermal and Mechanical Properties
DOI: 10.9734/jerr/2025/v27i61540

Reviewers:

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IOT Smart Helmet System for Delivery Rider Safety
DOI: 10.9734/jerr/2025/v27i61541

Reviewers:

- (1) Raghavendra Reddy, REVA University, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138006>

Design and Implementation of Battery-Operated Brush Cutter with Improved DC Motor Control System
DOI: 10.9734/jerr/2025/v27i61542

Reviewers:

- (1) Obinna Emmanuel Ozoemena, University of Abuja, Nigeria.
- (2) Sakthivel Chandrasekar, Shandong University of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136398>

AI-Enhanced Visual Guiding System Using Chat GPT for the Visually Impaired
DOI: 10.9734/jerr/2025/v27i61543

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136563>

Fraperspective: A Holistic Approach to Spatial Representation in Ancient Iranian and Modern Western Architecture
DOI: 10.9734/jerr/2025/v27i61544

Reviewers:

- (1) Bousmaha Said, Polytechnic School of Architecture and Urbanism (EPAU)-Algiers, Algeria.
- (2) Povian Cristina, Politehnica University of Timișoara, Romania.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137786>

Reinforcement Learning-assisted Voltage Stability Analysis of the Nigerian Power Grid Using Dynamic Voltage Restorer (DVR) and Battery Energy Storage System (BESS)
DOI: 10.9734/jerr/2025/v27i61545

Reviewers:

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- (2) Alireza Zabihi, Portugal.

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Impact of Tipping Paper Permeability on Cooling Agent Delivery Efficiency Using a Cell Membrane Simulation
DOI: 10.9734/jerr/2025/v27i61546

Reviewers:

- (1) Yasir Khaleel Almusawi, Al-Nahrain University, Iraq.
- (2) Susmita Chakrabarty, School of Paramedical and Allied Sciences, DRIEMS University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138043>

High-Speed Rail in Nigeria: Operational Barriers, Strategic Pathways, and Economic Potential
DOI: 10.9734/jerr/2025/v27i61547

Reviewers:

- (1) Abhijit Biswas, Jahangirnagar University, Bangladesh.
- (2) Sarah Abdulkareem Hanoon, University of Thi-Qar, College of Engineering, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137762>

Secure and Resilient Industrial IoT Architectures for Smart Manufacturing: A Comprehensive Review
DOI: 10.9734/jerr/2025/v27i61548

Reviewers:

- (1) Ram Kumar Solanki, University Pune, India.
- (2) Inderpreet Kaur, Chandigarh College of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138141>

A Review of the Research on the Mechanical Properties of Ultrafine Fly Ash Recycled Concrete
DOI: 10.9734/jerr/2025/v27i61549

Reviewers:

- (1) Devaraj Pavan Kumar, Jawaharlal Nehru Technological University College of Engineering (Autonomous) Anantapur, India.
- (2) Dixitkumar Bharatbhai Patel, Silver Oak University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138381>

The Development of a Groundnut Oil Expeller's Kneader
DOI: 10.9734/jerr/2025/v27i61550

Reviewers:

- (1) G. Mohanraj, JKKN College of Engineering and Technology, India.
- (2) Rodrigo Da Silva Miranda, University of Campinas – UNICAMP, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138273>

Advancements in Mercury Intrusion Porosimetry for Pore Structure Analysis of Cement-based Materials
DOI: 10.9734/jerr/2025/v27i61551

Reviewers:

- (1) Baraou Idi Souley, University of Agadez, Niger.
- (2) Rahul Kumar, College of Military Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138284>

Development of Nigeria's Electric Power Sector: Towards the Attainment of Sustainable Development Goals
DOI: 10.9734/jerr/2025/v27i61552

Reviewers:

- (1) Fredrick Kabwe, Delhi Technological University, India.
- (2) Okezie Aloysius Ihugba, Alvan Ikoku Federal University of Education, Nigeria.
- (3) Subramaniya Siva A, Annamalai University Chidambaram, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137862>

Research Status of Mechanical Properties and Frost Resistance of Fly Ash Concrete
DOI: 10.9734/jerr/2025/v27i61553

Reviewers:

- (1) Ekrem Bektasevic, University of Tuzla, Bosnia and Herzegovina.
- (2) Thipsuree Kornboonraksa, Burapha University, Thailand.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138289>

Modeling and Analysis for Cassava Aggregation Centers within the Agricultural Zones in Anambra State, Nigeria
DOI: 10.9734/jerr/2025/v27i61554

Reviewers:

- (1) N. Anusha, Vidya Jyothi Institute of Technology, India.
- (2) Hussein Talib Khreebsh, University of Basrah, Iraq.
- (3) Abararahemad Abdulrazzak Khalak, GTU, India.
- (4) Manoj Kumar Meher, Maa Manikeshwari University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136932>

Curvature-Constrained Geometric Optimization of Solar Thermal Collectors Via Rayleigh–Ritz Variational Design
DOI: 10.9734/jerr/2025/v27i61555

Reviewers:

- (1) Saeed Sayehvand, Bu-Ali Sina University, Iran.
- (2) Folorunso Augustine Olugbenga, Ladoke Akintola University of Technology, Nigeria.
- (3) Pushp Rai Mishra, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138502>

Exploring the Engine Performance Potentials of Cotton (Gossypium sp) Seed Oil-AMAs Blends for Sustainable Lubricants Development
DOI: 10.9734/jerr/2025/v27i61556

Reviewers:

- (1) Pribadyo, Teuku Umar University, Indonesia.
- (2) Deepak K B, Vivekananda College of Engineering & Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138776>

Evaluating the Elastic Modulus of Concrete Modified with Coconut Shell Ash
DOI: 10.9734/jerr/2025/v27i61557

Reviewers:

- (1) Bilkisu Danjuma, Federal University of Transportation, Nigeria.
- (2) Vinaya Shyam D, SDM Institute of Technology Ujire, India.
- (3) Devaraj Pavan Kumar, Jawaharlal Nehru Technological University College of Engineering (Autonomous) Anantapur, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138052>

A Multi-dimensional AI Framework for Sustainable Drinking Water Management: Integrating Federated Learning, Digital Twins, and Blockchain
DOI: 10.9734/jerr/2025/v27i61558

Reviewers:

- (1) S. Sheik Shalik, Annamalai University, India
- (2) Durdarshi Juggoo, University of Technology, Mauritius.
- (3) Ajayi Abisoye, Ottawa University, United States.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139283>

Self-oscillation Characterization of Planar Steel Gates Based on Fluid-solid Coupling
DOI: 10.9734/jerr/2025/v27i61559

Reviewers:

- (1) Academy of Technical and Art Applied Studies in Belgrade.
- (2) Prashant Parshuram Chikode, Shivaji University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138286>

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Stability Analyses of Rock Slopes and Improvement Solutions: A Case of Muğla Bakıcak, Turkey
DOI: 10.9734/jerr/2025/v27i71560

Reviewers:

- (1) Paladi Rajendra Kumar, K.S.R.M. College of Engineering, India.
- (2) Chintan Morsiya, L. J. Institute of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139117>

Characterization of Wind Energy Potential in Ladeba, Lagos State, Nigeria
DOI: 10.9734/jerr/2025/v27i71561

Reviewers:

- (1) Hari Bhaskaran Anangapal, National Institute of Wind Energy, India.
- (2) Umar Abubakar Saleh, Prince Abubakar Audu University Campus, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134817>

Treatment of Effluent Water from Futo Hostel Using Carica papaya (Pawpaw) Seeds as Coagulant
DOI: 10.9734/jerr/2025/v27i71562

Reviewers:

- (1) Aremanda Ramesh Babu, Mainefhi College of Engineering and Technology (MCET), Eritrea.
- (2) Mona M. Amin Abdel-Fatah, National Research Centre (NRC), Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135541>

Design and Application of Three-component Force Sensor Principle and Structural Progress
DOI: 10.9734/jerr/2025/v27i71563

Reviewers:

- (1) S. Kannadhasan, Study World College of Engineering, India.
- (2) N Dinesh Kumar, Vignan Institute of Technology and Science, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139333>

Experimental Study and Numerical Modeling of the Lap Strength of Reinforcing Steel Bars Milled from Recycled Scrap Metals
DOI: 10.9734/jerr/2025/v27i71564

Reviewers:

- (1) Lamiaa Eied Sadek, October High Institute, Egypt.
- (2) Ranjodh Singh, DAV University, India.
- (3) Seleso Masenate Thamae, Central University of Technology, South Africa.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139390>

Cyber Risk Spillovers in Interconnected Financial Ecosystems: Evidence from Traditional Banks and DeFi Oracles
DOI: 10.9734/jerr/2025/v27i71565

Reviewers:

- (1) Ashok Ghimire, USA.
- (2) Onyemauche Uchenna Chinyere, Nigeria.
- (3) Ritesh Kumar, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139554>

Cloud-Based AI Solutions for Real-time Monitoring of E-commerce Compliance and Risk
DOI: 10.9734/jerr/2025/v27i71566

Reviewers:

- (1) John Deva Prasanna D S, SRM Institute of Science and Technology, India.
- (2) Geeta Sharma, Jagan Institute of Management Studies, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139553>

Application of the Fundamentals of Lean Principle in Pharmaceutical Sector
DOI: 10.9734/jerr/2025/v27i71567

Reviewers:

- (1) Lakshmi Prasanthi Nori, Shri Vishnu College of Pharmacy, India.
- (2) Sachin Sabharwal, Jagan Institute of Management Studies, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138827>

Analysis of Brick Bonds: A Systematic Review
DOI: 10.9734/jerr/2025/v27i71568

Reviewers:

- (1) Odimegwu Temple Chimuanya, Alfraganus University, Uzbekistan.
- (2) S. Kotteeswaran, SRM University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138984>

A Comparison of OFDM Techniques in Massive MIMO on Data Throughput and Spectral Efficiency in Digital Wireless Communication Systems
DOI: 10.9734/jerr/2025/v27i71569

Reviewers:

- (1) Wan Syahrumb Bin Wan Saleh, International Islamic University Malaysia, Malaysia.
- (2) Michael Bassey, Akwa Ibom State Polytechnic, Ikot Osurua, Nigeria.
- (3) Yasameen F. Azeez, AL-Farabi University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138955>

Design and Development of Low-cost Active Battery Balancing Technique for Electric Motorcycles
DOI: 10.9734/jerr/2025/v27i71570

Reviewers:

- (1) I Gede Suputra Widharma, State Polytechnic of Bali, Indonesia.
- (2) Gouthami Eragamreddy, G. Narayanamma Institute of Technology and Science (For Women), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138964>

Research Status and Trend of Decoupling Algorithms for Multi-dimensional Force Sensors
DOI: 10.9734/jerr/2025/v27i71571

Reviewers:

- (1) Mohit Yadav, Chandigarh University, India.
- (2) Mohd Uvais, Integral University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139314>

Techno-Economic Evaluation of an Optimized Grid-connected Solar Photo-voltaic System for National Museum of Unity, Ibadan, Nigeria
DOI: 10.9734/jerr/2025/v27i71572

Reviewers:

- (1) Aondoyila Kuhe, Joseph Sarwuan Tarka University, Nigeria.
- (2) Ghribi Mohammed El Bachir, University of Science and Technology Mohamed-Boudiaf, Algeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139449>

A Multi-Algorithmic Approach to Stroke Risk Prediction Using Machine Learning
DOI: 10.9734/jerr/2025/v27i71573

Reviewers:

- (1) Ripalkumar Patel, University of the Cumberlands, USA.
- (2) Anthony Kodzo-Grey Venyo, RC PATH LONDIN. UK.
- (3) D. Pinsara de Silva, National Hospital Galle, Sri Lanka.
- (4) Dr. Sunday Adelakun, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139928>

AI-Driven Integration of Nanotechnology and Green Nanotechnology for Sustainable Energy and Environmental Remediation
DOI: 10.9734/jerr/2025/v27i71574

Reviewers:

- (1) Angelica Dobre, University of Agricultural Sciences and Veterinary Medicine Bucharest, Romania.
- (2) Medani P. Bhandari, Akamai University, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139977>

Comparative Analysis of the Moisture Content and Density on Bending Strength of Azadirachta indica and Siamea senna in Steam Cold Method
DOI: 10.9734/jerr/2025/v27i71575

Reviewers:

- (1) Akaolisa Celestine Ezeagu, Nnamdi Azikiwe University, Nigeria.
- (2) S. Kavipriya, Kongunadu College of Engineering and Technology-(Autonomous), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139366>

Optimising Durability Performance of Dehydroxylated Kaolin Geopolymer Concrete Using Central Composite Design
DOI: 10.9734/jerr/2025/v27i71576

Reviewers:

- (1) Devaraju Pavan Kumar, Jawaharlal Nehru Technological University Anantapur (Autonomous) College of Engineering, India.
- (2) K. Arunprasath, PSN College of Engineering and Technology, India.
- (3) Vijayasathy. R, Atria Institute of Technology Bangalore, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139548>

Evaluating the Unconfined Compressive Strength Retention of Corn Starch Stabilized Lateritic Soils
DOI: 10.9734/jerr/2025/v27i71577

Reviewers:

- (1) Toderas Mihaela, University of Petrosani, Romania.
- (2) Addisu Workiye, Wollo University (Kombolcha Institute of Technology), Ethiopia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139797>

Molecular Dynamics Study of Interfacial Behavior between Crude Oil and Injected CO₂ in a Niger Delta Reservoir
DOI: 10.9734/jerr/2025/v27i71578

Reviewers:

- (1) Inuaeyen Inuaeyen Nyauo, Federal University of Technology, Nigeria.
- (2) Sampson Ibinye Eteyen, University of Uyo, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139495>

Factors Affecting Passenger Satisfaction on the Depok-Bkn Transjakarta Bus
DOI: 10.9734/jerr/2025/v27i71579

Reviewers:

- (1) Bright Ojo, University of Arkansas, USA.
- (2) Syaiful, Ibn Khaldun University Bogor, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139839>

A Biometric Voting Solution: Integrating Face Recognition with Embedded Systems for Secure Offline Elections
DOI: 10.9734/jerr/2025/v27i71580

Reviewers:

- (1) Chandrashekhar Goswami, Sir Padampat Singhania University, India.
- (2) Arni Munira Markom, Universiti Teknologi Mara, Malaysia.
- (3) Naimil Gadani, USA.
- (4) L.M.I. Leo Joseph, SR University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140460>

Calculation and Analysis of Circulating Currents in the Metal Sheath of XLPE Cables under Cross-bonded Interconnection
DOI: 10.9734/jerr/2025/v27i71581

Reviewers:

- (1) Geetam Shukla, Madhav Institute of Technology & Science, Deemed University, India.
- (2) Richeal Chinaeche Ijeoma, Captain Elechi Amadi Polytechnic, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140135>

Research Progress on Bipolar Plate Coating for Automotive Fuel Cells
DOI: 10.9734/jerr/2025/v27i71582

Reviewers:

- (1) Sankar Jayaraj, Kalasalingam Academy of Research and Education, Krishnankoil, India.
- (2) Prabhakar Sharma, Teerthanker Mahaveer University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139454>

Cost Estimation and Analysis for Better Project Budgeting
DOI: 10.9734/jerr/2025/v27i71583

Reviewers:

- (1) D. Suresh, V.S.B Engineering College, India.
- (2) Abhiram Reddy Anireddy, United States of America.
- (3) Abbas M Abd, University of Diyala, Iraq.
- (4) Mahmoud Fadhel Idan, University of Al Maarif, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137458>

Integrating Safety and Circularity: A Protocol Framework for Material-reuse in Construction Workflows
DOI: 10.9734/jerr/2025/v27i71584

Reviewers:

- (1) Mohammad Danil Arifin, Darma Persada University, Indonesia.
- (2) Chinwennwo Phillips OHOCHUKU, Rivers State University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141134>

Artificial Intelligence-powered Carbon Market Intelligence and Blockchain-enabled Governance for Climate-responsive Urban Infrastructure in the Global South
DOI: 10.9734/jerr/2025/v27i71585

Reviewers:

- (1) Hayder Najm, Imam Alkadhim University College, Iraq.
- (2) Ditixa Zubin Mehta, Thakur College of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140978>

Comparative Flexural Performance of HSC and NSC One-Way Slabs Reinforced with GFRP and Steel Bars under Three-Point Loading
DOI: 10.9734/jerr/2025/v27i71587

Reviewers:

- (1) Lamiaa Eied Sadek, October High Institute for Engineering and Technology, Egypt.
- (2) Inamullah Inam, Laghman University, Afghanistan.
- (3) Damini Righteous Gilbert, Federal University Otuoke Bayelsa State, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140446>

Design and Micro Mechanical Modeling of Bio-fibre Reinforced Polymer Composites for Creep Resistant Piping Application
DOI: 10.9734/jerr/2025/v27i71588

Reviewers:

- (1) Muhammed GÜR, Firat University, Turkey.
- (2) A. Arun Negemiya, SNS College of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140243>

Development of Artificial Intelligence-driven Security Drone System
DOI: 10.9734/jerr/2025/v27i71589

Reviewers:

- (1) Mohamed El Hadraoui, The Mohammadia School of Engineers, Morocco.
- (2) Pankaj Dadheech, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141408>

Global Trends in Coastal Protection Building Types at Oil and Gas Logistics Ports: A Bibliometric Analysis Using Visualization of Similarities Viewer (VOSviewer)
DOI: 10.9734/jerr/2025/v27i71590

Reviewers:

- (1) Otuonuyo George Arerosuoghene, Caleb University, Nigeria
- (2) A. Kanni Raj, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (deemed to be University, recognised as Category-I university by Government of India), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141412>

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Recent Developments in Carbon-supported Fe–N–C Catalysts for ORR in Fuel Cells: A Review
DOI: 10.9734/jerr/2025/v27i81591

Reviewers:

- (1) Rajesh Vansadiya, Children's Research University, India.
- (2) Mohammad Fikrey Bin Roslan, Universiti Tun Hussein Onn Malaysia, Malaysia.
- (3) Siti Hasanah Osman, Institute Sel Feul, Universiti Kebangsaan Malaysia, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141444>

Mathematical Modeling of Mass and Heat Transfer in a Dehumidifying Plastic Dryer
DOI: 10.9734/jerr/2025/v27i81592

Reviewers:

- (1) A. Senthilrajan, Mohamed Satahk Polytechnic College, India.
- (2) Nataliia Sorokova, Educational and Scientific Institute of Atomic and Thermal Energy of the National technical university of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140958>

Comparative Batch Adsorption Study of Crude Oil Removal from Simulated Oil Spill Using Quail Egg Shell and Snail Shell Biosorbents
DOI: 10.9734/jerr/2025/v27i81593

Reviewers:

- (1) Hoo Peng Yong, Universiti Malaysia Perlis, Malaysia.
- (2) T. V. Nagalakshmi, DVR & Dr. HS MIC College of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140834>

Strategic Management of AI-Powered Cybersecurity Systems: A Systematic Review
DOI: 10.9734/jerr/2025/v27i81594

Reviewers:

- (1) Surendra Vitla, USA.
- (2) Karthik Bojja, United States.
- (3) Tanishka Hira, Indira Gandhi Delhi Technical University for Women, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140665>

The Design and Performance Study of Magnetic Liquid Acceleration Sensor
DOI: 10.9734/jerr/2025/v27i81595

Reviewers:

- (1) Pravin Sankhwar, Michigan Technological University, USA.
- (2) Azize Bhajj, Chouaib Doukkali University, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140836>

Adsorption of COD and BOD from Slaughterhouse Wastewater Using Stabilized Solid Waste Materials
DOI: 10.9734/jerr/2025/v27i81596

Reviewers:

- (1) Wael Adil Obaid, Al-Nahrain University, Iraq.
- (2) Yasir Al-Ani, University of Anbar, Iraq.
- (3) Adel A.M. Saeed, University of Aden, Yemen.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141423>

Effect of Tyre Pressure on Braking Distance of Tubeless Tyres on Asphalt Road
DOI: 10.9734/jerr/2025/v27i81597

Reviewers:

- (1) Ziad Shakeeb Al Sarraf, Iraq.
- (2) Surjit Kumar Gandhi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140073>

Total Quality Management in Consulting Firms in Nigeria
DOI: 10.9734/jerr/2025/v27i81598

Reviewers:

- (1) Sumit Kumar, Sant Longowal Institute of Engineering and Technology, India.
- (2) Abhishek R, Manipal University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141269>

Evaluating Coastal Communities' Sea Level Rise Adaptation Plans in Nigeria's Niger Delta
DOI: 10.9734/jerr/2025/v27i81599

Reviewers:

- (1) Clementine Mukanoheri, Nelson Mandela African Institution of Science and Technology, Tanzania.
- (2) Boyeth C. Pelone, Davao del Norte State College, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141360>

Artificial Intelligence-Driven Hybrid Renewable and Waste-to-Energy Systems for Climate-Resilient and Equitable Urban Infrastructure in the Global South
DOI: 10.9734/jerr/2025/v27i81600

Reviewers:

- (1) S Poorna Chander Rao, India.
- (2) Amara Sihem, National Engineering School of Monastir (ENIM), Tunisia

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141689>

A Machine Learning Framework for Predictive Maintenance in Smart Facilities Using IoT Sensor Data
DOI: 10.9734/jerr/2025/v27i81601

Reviewers:

- (1) V. Gokula Krishnan, Easwari Engineering College, India.
- (2) Dipak Kumar Banerjee, United States.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141542>

Application of Regression Analysis to Explore the Relationship between Combustible Gas in Insulating Oil of Power Transformers
DOI: 10.9734/jerr/2025/v27i81602

Reviewers:

- (1) Omeje, Crescent Onyebuchi, Nigeria.
- (2) Cherubala Rusumba Bienvenu, South Africa.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141484>

The Application of Multi-sensor Fusion Technology in Intelligent Vehicles
DOI: 10.9734/jerr/2025/v27i81603

Reviewers:

- (1) Mohd Shafeeq Bin Mohd Tahir, Hospital Kuala Kangsar, Malaysia.
- (2) Sangam Malla, Siksha O' Anusandhan Deemed to be University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141532>

Optimizing Obesity Prediction Models with Green AI: A Multi-Criteria Approach
DOI: 10.9734/jerr/2025/v27i81604

Reviewers:

- (1) Eswararao Boddepalli, NIT Meghalaya, India.
- (2) Kumudha H R, Bharathi College Post Graduate & Research Centre, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138414>

Rate of Sea Level Rise in Selected Coastal Community in the Niger Delta Region of Nigeria
DOI: 10.9734/jerr/2025/v27i81605

Reviewers:

- (1) Dunstan Anthony Pereira, National Hydraulic Research Institute of Malaysia (NAHRIM), Malaysia.
- (2) D. Venkat Reddy, NITK-National Institute OF Technology, India.
- (3) Kazy Mohammad Iqbal Hossain, Bangladesh University of Professionals, Bangladesh.
- (4) F. A. Samiul Islam, Uttara University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141357>

Numerical Performance Characteristic of Embedded Convex Rigid-ring Baffle in Long Moving Vessels
DOI: 10.9734/jerr/2025/v27i81606

Reviewers:

- (1) Saeed Sayehvand, Bu-Ali Sina University, Iran.
- (2) Ahmed Rasheed Khlefha, University of Sumer, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141413>

Bibliometric Analysis of Traffic Management in Industrial Area
DOI: 10.9734/jerr/2025/v27i81607

Reviewers:

- (1) Varun Varma Sangaraju, United States of America.
- (2) Gauri Vinayak Sonawane, Dr. Babasaheb Ambedkar Technological University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141628>

Quantifying the Role of AI in Part Reduction and Assembly Optimization for Sustainable DFMA
DOI: 10.9734/jerr/2025/v27i81608

Reviewers:

- (1) Dodi Sofyan Arief, Indonesia.
- (2) Mark Anthony N. Polinar, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142067>

Sawdust as Partial Replacement for Sandcrete Block Production
DOI: 10.9734/jerr/2025/v27i81609

Reviewers:

- (1) R.K. Saini, Shoolini University, India.
- (2) Vijay Kumar, ABES Institute of Technology, India.
- (3) Murali. N, University of Technology & Applied Sciences, Oman.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139842>

Predictive Modeling of Assembly Time Using Machine Learning
DOI: 10.9734/jerr/2025/v27i81610

Reviewers:

- (1) Satyaveer Singh, MMEC, Maharishi Markandeshwar (Deemed to be University), India.
- (2) K. Nandha Kumar, Sri Venkateshwara College of Engineering & Technology (Autonomous), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142042>

AI-Based Tolerance Optimization for Cost Reduction
DOI: 10.9734/jerr/2025/v27i81611

Reviewers:

- (1) Seema Devi, India.
- (2) Oluwapelumi J Adebowale, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142121>

Behavior of Normal and Hybrid Strength Reinforced Concrete Corbels Strengthened with Steel Plate
DOI: 10.9734/jerr/2025/v27i81612

Reviewers:

- (1) Shaik Subhan Alisha, Vishnu Institute of Technology (A), India.
- (2) Sajan Sharma, Dr. B R Ambedkar National Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142144>

Design and SolidWorks-Based Simulation of an Automated Robotic Cleaning System for Diesel Storage Tanks
DOI: 10.9734/jerr/2025/v27i81613

Reviewers:

- (1) Najeh Alali, Al-Ayen Iraqi University, Iraq.
- (2) Abdulahi Akintayo Taiwo, University of South Carolina, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142010>

Bibliometric Analysis of Material Adaptation on House Building Construction in Coastal Areas using Vosviewer
DOI: 10.9734/jerr/2025/v27i81614

Reviewers:

- (1) Anthony Obododike Ekwuno, South Africa.
- (2) Priyambodo Nur Ardi Nugroho, Politeknik Perkapalan Negeri Surabaya, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141737>

Bond Characteristics of Coated Reinforcing Steel Bars with Reference to Deformation of Concrete Beams
DOI: 10.9734/jerr/2025/v27i81615

Reviewers:

- (1) Abdessemed Mouloud, University of Blida1, Algeria.
- (2) Florante D. Poso, Polytechnic University of the Philippines, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141550>

A Review of Control Strategies for Three-Axis Turntables
DOI: 10.9734/jerr/2025/v27i81616

Reviewers:

- (1) K Sivaprasad, Godavari Institute of Engineering and Technology, India.
- (2) Mohd Farriz Basar, Universiti Teknikal Malaysia Melaka (UTeM), Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142211>

Critical Cultural Factors of Construction Project -based Organisation in Nigerian Industry for Project Efficiency
DOI: 10.9734/jerr/2025/v27i81617

Reviewers:

- (1) Basant Bhatta, Pokhara University, Nepal.
- (2) D. Suresh, India.
- (3) Ng Hock Seng, Universiti Teknologi Malaysia, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139200>

Multi-scale Sedimentological and Structural Characterization of Triassic Siliciclastic Systems in the Tim Mersoï Basin, Northern Niger
DOI: 10.9734/jerr/2025/v27i81618

Reviewers:

- (1) Loyola Martinez Erika, Ipcyt, Mexico.
- (2) Sai Naing Lin Aung, University of Yangon, Myanmar.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141858>

Securing ICS Environments with AI-Enabled Classification: A Proactive Threat Detection Approach
DOI: 10.9734/jerr/2025/v27i81619

Reviewers:

- (1) Ayokunle Akinsanya, United States.
- (2) Vinay Kumar Singh, Amity University Chhattisgarh, India.
- (3) Godwin Ededem Udo, University of Uyo, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142415>

Performance Evaluation of Driven Piles in Lagos, Nigeria
DOI: 10.9734/jerr/2025/v27i81620

Reviewers:

- (1) Subhadip Nandi, Brainware University, India.
- (2) Md Rafiur Rahman, Mymensingh Engineering College, Bangladesh.
- (3) Khalak Abararahemad Abdulrazzak, Gujarat Technological University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142017>

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Development of an Arduino-based Data Acquisition System for a Mid-sized Wind Tunnel
DOI: 10.9734/jerr/2025/v27i91621

Reviewers:

- (1) Mathew Jun Pego Mariani, Kalinga State University, Philippines.
- (2) Ali H. Wheeb, University of Baghdad, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142765>

Simulink Modeling of Dual-Loop Speed Control for Permanent Magnet Synchronous Motors
DOI: 10.9734/jerr/2025/v27i91622

Reviewers:

- (1) Pravin Sankhwar, India.
- (2) Salim, Kurukshetra University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142190>

Conceptual Framework for Smart Sensor-driven Predictive Maintenance in Infrastructure Management
DOI: 10.9734/jerr/2025/v27i91623

Reviewers:

- (1) Tejesh Reddy Singasani, University of Cumberlands, United States.
- (2) Sureshkumar Somanathan, Strayer University, USA.
- (3) Sudheer Devaraju, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142862>

Numerical Simulation of Hemodynamics Blood Flow through Single and Double Stenotic Coronary Arteries
DOI: 10.9734/jerr/2025/v27i91624

Reviewers:

- (1) Zahraa Nasser Abdul Ghani, University of Al Mashreq, Iraq.
- (2) Prashant S. Sutkar, Science College, India.
- (3) S. Palanivel Rajan, Velammal College of Engineering and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141961>

Dynamic Simulation of Six-Pulse Voltage Source Inverter for a Three-Phase Induction Motor
DOI: 10.9734/jerr/2025/v27i91625

Reviewers:

- (1) Vaishali Sandeep Baste, SPPU Pune, India.
- (2) Jethose Vijayakumar, JCT College of Engineering and Technology, India.
- (3) Enas Dawood Hassan, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142956>

Adaptive Anti-Swing and Positioning Control of Input-Delayed Bridge Cranes Using Hybrid PSO-GWO Optimization
DOI: 10.9734/jerr/2025/v27i91626

Reviewers:

- (1) Alireza Zabihi, University of Coimbra, Portugal.
- (2) Praful Vijay Nandankar, Government College of Engineering Nagpur, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142698>

A Comprehensive Assessment of Conventional and Emerging Desalination Methods for Treating Marine Water Supplies
DOI: 10.9734/jerr/2025/v27i91627

Reviewers:

- (1) K. Arumuganainar, J.P. College of Engineering, India.
- (2) Chinyere Ogbodo, National Open University of Nigeria, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143188>

Low-Cost Fabrication and Testing of a Tin-Based Perovskite Solar Cell
DOI: 10.9734/jerr/2025/v27i91628

Reviewers:

- (1) Mehran Hosseinzadeh Dizaj, Tehran Azad University Central Branch, Iran.
- (2) Ameen Alwan Mohaimed, Directorate of Education Babylon, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142871>

Assessing the Maintenance Strategy Decision: In-House Versus Contract Maintenance of Equipment in Roofing Sheet Manufacturing Companies in Kumasi, Ghana
DOI: 10.9734/jerr/2025/v27i91629

Reviewers:

- (1) Ayodele Oluwole Alejo, University of Johannesburg, South Africa.
- (2) M. K. Soundarya, Vels Institute of Science, Technology and Advanced Studies, India .

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142542>

Geotechnical Characterization of Sandy Soils in the Niger Delta Using SPT-N Values
DOI: 10.9734/jerr/2025/v27i91630

Reviewers:

- (1) Yachang Omo, Central Institute of Technology Kokrajhar, India.
- (2) Roshan Shrestha, Nepal.
- (3) Zubair Saing, Universitas Muhammadiyah Maluku Utara, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142870>

Design Simplification through AI-Enabled Part Clustering and Consolidation
DOI: 10.9734/jerr/2025/v27i91631

Reviewers:

- (1) Asish Kumar Akash, Rajshahi University of Engineering & Technology, Bangladesh.
- (2) Nitin Girdhar Shinde, Dr. Babasaheb Ambedkar Technological University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142070>

Flanged Components for Design and Optimisation of Stamping Dies
DOI: 10.9734/jerr/2025/v27i91632

Reviewers:

- (1) Sundar Singh Sivam S.P, SRM Institute of Science and Technology, India.
- (2) Veduru Venkatrami Reddy, Sai Spurthi Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143516>

Improving Infrastructure Resilience in Developing Regions: Addressing Climate Risks and Natural Disasters in Africa
DOI: 10.9734/jerr/2025/v27i91633

Reviewers:

- (1) Alper Durmus, Turkiye.
- (2) Chanpreet Kaur Gulati, MGM University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143381>

Data-Driven Identification of Stochastic Systems via ARMAX Modelling and PRBS Excitation
DOI: 10.9734/jerr/2025/v27i91634

Reviewers:

- (1) Orie, Chukwulenwenwa John, Federal College of Education, Nigeria.
- (2) M. Sai Veerraju, Sagi Rama Krishnam Raju Engineering College(A), India.
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- (4) Shivam Singh, Indian Institute of Technology Delhi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143297>

LiDAR Technology and Its Development in Autonomous Driving
DOI: 10.9734/jerr/2025/v27i91635

Reviewers:

- (1) Sanjyoti Jain, Dronacharya College of Engineering Gurugram, India.
- (2) Basavaraj G Chougula, Jain College of Engineering, Belagavi, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143362>

Improving Bridge Sustainability through Building Information Modelling: Experiences from the Bareleng Bridge Project
DOI: 10.9734/jerr/2025/v27i91636

Reviewers:

- (1) Hasanain Saleh Jassam, Iraq.
- (2) Mainak Ghosal, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143820>

Research on the Method of Magnetic Liquid Tilt Sensor
DOI: 10.9734/jerr/2025/v27i91637

Reviewers:

- (1) Abdul Ghaffar, Quzhou University, China.
- (2) Amit Kumar Singh, Lalit Narayan Mithila University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142745>

A Review of Applications and Challenges Facing Use of Nanofluids
DOI: 10.9734/jerr/2025/v27i91638

Reviewers:

- (1) Aruna J, Vellore Institute of Technology, India.
- (2) Maddina Dinesh Kumar, B V Raju Institute of Technology, India.
- (3) Anant Sidhappa Kurhade, Dr. D. Y. Patil Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143047>

Evaluation and Optimization of the Engineering Properties of LDPE Fiber-Reinforced Sandcrete Blocks Using Taguchi Method
DOI: 10.9734/jerr/2025/v27i91639

Reviewers:

- (1) Muhammad Aslam, Wenzhou University of Technology, China.
- (2) Pritam Hait, JSPM University Pune, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143630>

Advancing Mechanical and Electrical Installation Engineering through BIM Technology: Applications, Challenges and Future Directions
DOI: 10.9734/jerr/2025/v27i91640

Reviewers:

- (1) Siddesh Pai, University of Petroleum and Energy Studies (UPES), India.
- (2) Shreedhar Ramachandrayya, S.G. Balekundri Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143946>

Applications of Artificial Intelligence for Optimizing Sustainable Energy Systems
DOI: 10.9734/jerr/2025/v27i91641

Reviewers:

- (1) Rajesh Premjibhai Vansadiya, Children's Research University, India.
- (2) Radhika Guntupalli, Sasi Institute of Technology & Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143618>

Corrosion Prediction in Steel Bridge Structures Using Artificial Neural Networks in Archipelagic Environments
DOI: 10.9734/jerr/2025/v27i91642

Reviewers:

- (1) Gatbel Buony Nyuot, Gambella University, Ethiopia.
- (2) P. Krithika, SRM Institute of Science and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143789>

Ethical Implications and Cybersecurity Risks of Hyper-Personalized AI Feedback Systems for Mental Health Support in Home Environment
DOI: 10.9734/jerr/2025/v27i91643

Reviewers:

- (1) Ibrahim Majid Mohammed, Universiti Sains Malaysia, Malaysia.
- (2) Dmitriy Gakh, Odlar Yurdu University, Azerbaijan.
- (3) Natalia Riapina, HSE University, Russia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144041>

Integration of Quantum Computing with Artificial Intelligence: A Systematic Review
DOI: 10.9734/jerr/2025/v27i91644

Reviewers:

- (1) P Suseendhar, SRI Manakula Vinayagar Engineering College, India.
- (2) Nitin Wankhade, Savitribai Phule Pune University, India.
- (3) Suman Thapaliya, Lincoln University College, Nepal.
- (4) Toyosi Mercy Fatoba, Federal Polytechnic, Ado-Ekiti, Nigeria.
- (5) Ansh Chawla, Vivekananda Institute of Professional Studies, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143624>

Empirical Statistical Modelling of Angle of Internal Friction using SPT-N Value, Median Grain Size (D50), and Effective Overburden Stress
DOI: 10.9734/jerr/2025/v27i91645

Reviewers:

- (1) Kamalesh Kumar, Birla Institute of Technology & Science, India.
- (2) Ahmed Fathi Younes Gelany, Luxor University, Egypt.
- (3) Duha Awaluddin Kurniatullah, Cenderawasih University, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143510>

Research Progress and Application of Planar Three-dimensional Force Sensor Technology
DOI: 10.9734/jerr/2025/v27i91646

Reviewers:

- (1) V A Kamble, Dktes Textile and Engineering Institute Ichalkaranji, India.
- (2) Rajev Kumar Sharma, United University Prayagraj, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143880>

Sustainable Hydrogen Production by Co-pyrolysis of Coffee Grounds and Tea Bag Waste
DOI: 10.9734/jerr/2025/v27i91647

Reviewers:

- (1) Ravuri Hema Krishna, Amrita Sai Institute of Science and Technology, India.
- (2) Said M. A. Ibrahim, Al-Azhar University, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143275>

Comparative Study of the Mechanical and Chemical Properties of Locally Produced Low-Carbon Steel Rebars on the Ghanaian Market
DOI: 10.9734/jerr/2025/v27i91648

Reviewers:

- (1) Hanane Etabti, University Sidi Mohamed Ben Abdellah, Morocco.
- (2) Muhammad Aslam, Wenzhou University of Technology, China.
- (3) Shahir Ahmad Safi, University of Engineering and Technology (UET) Taxila, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144350>

Optical Design and Performance Analysis of a High-Resolution Stable Stellar Simulator
DOI: 10.9734/jerr/2025/v27i91649

Reviewers:

- (1) Navid Nasiri, Sultan Qaboos University, Oman.
- (2) Firas M. Mustafa, Duhok Polytechnic University, Iraq.
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- (4) S. Saravanan, Annamalai University, India.
- (5) Anisa Ulya Darajat, Universitas Lampung, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143103>

A Comprehensive Review of Biped Robots Development, Key Technologies, Applications and Future Trends
DOI: 10.9734/jerr/2025/v27i91650

Reviewers:

- (1) Subhajit Pal, Indian Institute of Technology Jodhpur, India.
- (2) Prashant D. Kamble, RTMNU, India.
- (3) Deepak KB, Vivekananda College of Engineering & Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143945>

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Research on the Diagnosis of Circulating Current Faults in the Metal Sheath of Cross-linked XLPE Cables under Different Working Conditions
DOI: 10.9734/jerr/2025/v27i101651

Reviewers:

- (1) Md Shakib Hasan, Central China Normal University, China.
- (2) Bilal Abdullah Nasir, Northern Technical University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144336>

AI-Powered Digital Twin Platforms for Next-Generation Structural Health Monitoring: From Concept to Intelligent Decision-Making
DOI: 10.9734/jerr/2025/v27i101652

Reviewers:

- (1) Manish Kumar, J B Institute of Technology, India.
- (2) Mustafa F. Mahmood, Middle Technical University, Iraq.
- (3) Sanjay Dhanka, Sant Longowal Institute of Engineering & Technology Longowal, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142861>

AI-driven Innovations in the Indian Healthcare System: An Update (2025)
DOI: 10.9734/jerr/2025/v27i101653

Reviewers:

- (1) Nitalaksheswara Rao Kolukula, GITAM University, India.
- (2) Oluomachi Eunice Ejiofor, Austin Peay State University, USA.
- (3) B.V. Rama Krishna, Vignan Institute of Technology and Science, India.
- (4) S L Ravishankar, PSG Institute of Medical Sciences and Research, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144150>

Dynamic Simulation Analysis of Wind Power Crane Multi-body System
DOI: 10.9734/jerr/2025/v27i101654

Reviewers:

- (1) Pourya Khorampour, Arak University of Technology, Iran.
- (2) Tesfaye Barza Zema, Wolaita Sodo University of Technology, Ethiopia.
- (3) Kondhalkar Ganesh Eknath, Savitribai Phule Pune University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143970>

Prediction of Nanofluid Specific Heat Capacity using Supervised Regression Models
DOI: 10.9734/jerr/2025/v27i101655

Reviewers:

- (1) Ibrahim Ademola Fetuga, Clarkson University, USA.
- (2) Nabeel Al-Mutairi, Babylon University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143350>

Unlocking the Potential of Collaborative Digital Tools: Key Factors Influencing Their Usage among Workers in the Ghanaian Construction Industry
DOI: 10.9734/jerr/2025/v27i101656

Reviewers:

- (1) Alireza Arabshahi, Iran.
- (2) Ahmed Falah Hasan, University of Kufa, Iraq.
- (3) Abdullah Isa Adam, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143548>

Bio-oil Production from Paper Waste and Paper Cups via Pyrolysis: A Sustainable Approach to Waste-to-Energy Conversion
DOI: 10.9734/jerr/2025/v27i101657

Reviewers:

- (1) Ajoy Kanti Mondal, Bangladesh.
- (2) Jinesh B. Shah, Atmiya University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144421>

Grid Integration of Renewable Energy for Reliable and Efficient Power Supply in Nigeria
DOI: 10.9734/jerr/2025/v27i101658

Reviewers:

- (1) Karimulla Syed Mohammad, University of Technology and Applied Sciences Shinas, Oman.
- (2) B. Srilatha, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145084>

Research on the Principle and Application of Vortex-Induced Vibration Control Based on Nonlinear Energy Sink
DOI: 10.9734/jerr/2025/v27i101659

Reviewers:

- (1) Sheharyar Nasir, University of Kansas, USA.
- (2) Zakaria Ghouli, University Ibn Zohr, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144913>

Modelling of a Steady Micropolar Nanofluid Flow along a Wedge
DOI: 10.9734/jerr/2025/v27i101660

Reviewers:

- (1) Ketineni Subbarayudu, Vaagdevi Institute of Technology & Science, India.
- (2) Bandita Phukan, Women's College, Assam, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143189>

RV Reducer Key Component Dynamic Simulation and Stress Analysis
DOI: 10.9734/jerr/2025/v27i101661

Reviewers:

- (1) Ananth S. Iyengar, Ramaiah University of Applied Sciences, India.
- (2) Iqtar Md Siddique, The University of Texas at El Paso, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144861>

Characteristics and Control of Nonlinear Flutter in Extra-Large-Span Bridges
DOI: 10.9734/jerr/2025/v27i101662

Reviewers:

- (1) Alifia Hamzah Bin Johari, Malaysia.
- (2) Maiara Gomes Montaute, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144673>

Enhancing Soil Stability: Evaluating the Effectiveness of Terrasil Nanotechnology in Soil Stabilization
DOI: 10.9734/jerr/2025/v27i101663

Reviewers:

- (1) Mohammad Mehdi Pardsouie, Islamic Azad University of Estahban, Iran.
- (2) Afzal Khan, Adama Science and Technology University, Ethiopia.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144701>

A Hybrid Deep Learning Approach for Quantifying the Impact of Mobile Phone Behavior on Student Academic Performance
DOI: 10.9734/jerr/2025/v27i101664

Reviewers:

- (1) Brijesh Kumar Verma, India.
- (2) Tejashree Tejpal Moharekar, Shivaji University, India.
- (3) K Bhuvaneswari, Guru Nanak College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145256>

The Potential of Hydrogen Gas in Gas Lifting Oil Well
DOI: 10.9734/jerr/2025/v27i101665

Reviewers:

- (1) Rohitkumar G. Singh, Thakur College of Engineering & Technology, India.
- (2) Vildan Aker, Eskisehir Technical University, Turkey.
- (3) Kufre Jerome Udoudo, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144224>

Data-Driven Predictive Control Strategy for Rapid Thermal Processing Systems
DOI: 10.9734/jerr/2025/v27i101666

Reviewers:

- (1) Abdalhadi Manassra, Bursa Teknik University BTU, Palestine.
- (2) Ashwini Kumar, Arka Jain University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144998>

Experimental and Numerical Study on Seismic Behavior of High-strength Concrete Shear Walls Confined by High-Strength Spiral Stirrups
DOI: 10.9734/jerr/2025/v27i101667

Reviewers:

- (1) Sumeet Mahajan, India.
- (2) Hamdy Elgohary, Mansoura University, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144671>

Research Progress on Preparation and Mechanical Properties of Recycled Concrete
DOI: 10.9734/jerr/2025/v27i101668

Reviewers:

- (1) Nwzad Abduljabar Abdulla, University of Salaheddin, Erbil, Iraq.
- (2) S. Kavipriya, Kongunadu College of Engineering and Technology-(Autonomous), India.
- (3) Ubayi Salisu Mannir, Sharda University Greater, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144949>

Assessing Compliance with Nepal's Building Code and Bylaws: Insights from Residential Construction in Godawari Municipality
DOI: 10.9734/jerr/2025/v27i101669

Reviewers:

- (1) Saidu Minin Mohammed, Ahmadu Bello University, Nigeria.
- (2) Dixitkumar Bharatbhai Patel, Gokul Global University, India.
- (3) Rasana Shrestha, Nepal.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144606>

Enhancing Concrete Performance through Recycling and Modification of Waste Rubber: A Comprehensive Review
DOI: 10.9734/jerr/2025/v27i101670

Reviewers:

- (1) Mohammed Yusuf, Northeastern University, United States.
- (2) Arvind Singh Gaur, Sage University Indore, India.
- (3) Abhilash Thakur, CT University Ludhiana, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145449>

Deep Learning Framework for Accurate Detection of Liver Steatosis
DOI: 10.9734/jerr/2025/v27i101671

Reviewers:

- (1) S. Dilip Kumar, NGM College, India.
- (2) Aswathy Mohan, Noorul Islam Centre for Higher Education, India.
- (3) Abhijit Patil, GITAM University (Deemed To be University), India.
- (4) Teja Krishna Kota, New England College, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145258>

An Auxiliary Judgment Method with Multiple Regression Analysis
DOI: 10.9734/jerr/2025/v27i101672

Reviewers:

- (1) Mohammed Ahmed Abbas, Iraq.
- (2) Satyendra Kushwaha, Lead College of Management, India.
- (3) Hossain Manik, Chittagong University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145389>

A Review on Fretting Wear in Aluminium Composites and Its Mitigation through Surface Engineering
DOI: 10.9734/jerr/2025/v27i101673

Reviewers:

- (1) Chintan Morsiya, L. J. Institute of Engineering and Technology, India.
- (2) Krishnaraddi Gangal, Visvesvaraya Technological University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145464>

A Review of Lidar-Based SLAM Techniques for Open-Pit Coal Mine Environments
DOI: 10.9734/jerr/2025/v27i101674

Reviewers:

- (1) L. Daniel Devaraj, Grace College of Engineering, India.
- (2) Patrick Muanza Kant, University of Iceland, Iceland.
- (3) Mamadou Waidi Onah, Benin.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144737>

Influence of Wellhead Pressure and Injected Gas Specific Gravity on Oil Production Rate from a Gas-Lifted Well in the Niger Delta
DOI: 10.9734/jerr/2025/v27i101675

Reviewers:

- (1) Md. Ariful Islam, Rajshahi University of Engineering & Technology, Bangladesh.
- (2) Thomas Okechukwu Onah, Enugu State University of Science and Technology, Nigeria.
- (3) Muzher Mahdi Ibrahim, Tikrit University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145254>

Elevating Continuous Verification through Advanced Behavioral Analytics: A Deep-Dive Framework for Combating Insider Threats and Account Takeovers in Modern Cybersecurity
DOI: 10.9734/jerr/2025/v27i101676

Reviewers:

- (1) Shams Mukhtar, India.
- (2) Pawanjeet Kaur, Symbiosis Skills and Professional University, India.
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Benchmarking EfficientNet, MobileNet and ResNet Architectures for Cassava Disease Detection in Agricultural Robotics
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Analysis of Rain Attenuation over the Geo-climatic Regions of Nigeria Using Attenuation Prediction Models
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Lightweight YOLOv8 Optimized Deep Neural Network for Real-Time Weapon Detection on Raspberry Pi 5 in Smart Surveillance Systems
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Mechanical Behavior and Freeze-Thaw Damage Modeling of Hydraulic Rubberized Concrete
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Analytics of Third-Party Risk in U.S. Supply Chains: AI for Proactive Risk Scoring and Mitigation
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Multi Hand Gesture Recognition Using a Multilayer Perceptron (MLP) Model with mmWave Radar Sensing Data
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A Review of the Shape Evolution and Scenario-based Applications of Search and Rescue Robots
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Adoption Dynamics and Implementation Strategies of Machine Learning for Cybersecurity Threat Detection in the E-Commerce Sector
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Optimization-Based Adaptive Coordination of Directional Overcurrent Relays in Multi-DG Radial Distribution Systems
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Mobile Platform for Soursop Leaves (*Annona muricata*) Plant Diseases Detection
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Effect of Iron Oxide Nanoparticles and Combined Pretreatment on Biogas Yield from Oil Palm Fruit Bunch under Mesophilic Conditions
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Analysis of the Economic Impact of Traffic Congestion on Highways with a High-volume Capacity (VC) Ratio in the Special Region of Yogyakarta
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Multi-Objective Optimization of TA1 Sheet Incremental Forming Based on ABAQUS Finite Element Simulation and NSGA-II
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Experimental Investigation of the Physico-Mechanical Properties of Plastic-Stabilized Pavement Materials
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Comparative Analysis of Signal Latency on 4G Network in Karu Site Abuja, Nigeria
DOI: 10.9734/jerr/2025/v27i121723

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The Cloud is Not Infallible: Lessons from Amazon's Global Outage and Strategic Pathways for Building Resilient Virtual Enterprises
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CFD Analysis of Hydrodynamic Drag Characteristics in Amphibious Robots with Different Bow Angles
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Comparative Characterisation of Aluminium Bars Produced from Discarded Aluminium Parts
DOI: 10.9734/jerr/2025/v27i121727

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AI-Driven Automation of Cybersecurity Certification Processes: Evaluating Efficiency, Transparency and Risk Mitigation in Digital Governance Systems
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Drying Process Factors Effect on Cassava Chips
DOI: 10.9734/jerr/2025/v27i121729

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Comparing the Performance of MobileNet and AlexNet Deep Learning-based Models for Facial Recognition
DOI: 10.9734/jerr/2025/v27i121730

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Development of an Enhanced Internet of Things-Based Wearable Human Tracking Security System with Integrated Distress Alert Mechanism
DOI: 10.9734/jerr/2025/v27i121731

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148363>

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DOI: 10.9734/jerr/2025/v27i121732

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A Review of Algae Removal Technologies: Current Status, Methods, and Ecological Impacts
DOI: 10.9734/jerr/2025/v27i121733

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Real-time Instance Segmentation Algorithm for Steel Structure Weld Seams Based on SOLOv2
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Development of an Improved Groundnut Roasting and Peeling Machine
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Development of H-Infinity Based Speed Control of a Sensorless Induction Motor Drives
DOI: 10.9734/jerr/2025/v27i121738

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- (2) Sudhir Kumar Sharma, Visvesvaraya National Institute of Technology (VNIT), India.

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Development of Walrus Optimization Algorithm-Tuned Integral-Proportional Derivative Temperature Control for Cashew-Kernel Dryer
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Reviewers:

- (1) Asish Kumar Akash, Rajshahi University of Engineering & technology, Bangladesh.
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- (1) Okorodudu Franklin, Delta State University, Nigeria.
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- (1) P. Jayabharathi, Agurchand Manmull Jain College, India.
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- (4) Jodell R. Bulaciac, Nueva Ecija University of Science and Technology, Philippines.

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- (1) Shno Mustafa Ali, Kirkuk University, Iraq.
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Prediction of the Service Life and Wear of Electric Hoist Wheels using the GM (1,1) Grey Model
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Reviewers:

- (1) Khuder N Abed, University of Diyala, Iraq.
- (2) Raghavendra J V, Jyothy Institute of Technology, Bengaluru, India.
- (3) Saravanan, Annamalai University, India.

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Artificial Intelligence Driven Optimisation of Scaffold Design and Production in Tissue Engineering: A Critical Review
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Reviewers:

- (1) Danqing Ma, Northeastern University College of Engineering, US.
- (2) Jatinder Kumar, India.

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Reviewers:

- (1) Pavan Nutalapati, USA.
- (2) Ramya Vani Rayala, University of The Cumberlands, USA.

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Reviewers:

- (1) Wulfran Fendzi Mbasso, University of Douala, Cameroon.
- (2) Muhammad Johirul Islam, United International University, Bangladesh.
- (3) S. Pushpa, Panimalar Engineering College, India.

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Research on Thermal Environment Optimization in Livestock Transport Vehicles Using CFD
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Reviewers:

- (1) Niraj Mishra, Government Polytechnic Chhabilahakhor Sadar Basti, India.
- (2) Harpreet Kaur, India.
- (3) Sivaprasad Kollati, Godavari Global University, India.

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Thermal Management and Reliability Enhancement of GE Gas Turbine Exhaust Frame Blowers through Relocation and Design Simulation
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Reviewers:

- (1) Debiao Meng, University of Electronic Science and Technology of China, China.
- (2) Moyeed Abrar, Khaja Bandanawaz University, India.
- (3) Reffas Omar, Mentouri Brothers University Constantine 1 Institute of Applied Sciences and Technologies – ISTA, Algeria.

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Reviewers:

- (1) Adarsh Kumar Pathak, SVU, India.
- (2) Muhammed Mizher Radhi, Middle Technical University, (MTU), Iraq.
- (3) Mounika V, The Tamilnadu Dr. MGR University of Health Sciences, India.
- (4) Onwuazor, Ogechukwu Philomena, Nigeria.

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Reviewers:

- (1) Chirag Arora, Rajasthan Technical University, India.
- (2) Rahul Argelwar, Rashtrasant Tukadoji Maharaj Nagpur University, India.

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Cluster-based Geospatial Optimization of Gas Flaring Sites in the Niger Delta for Enhanced Gas Recovery
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Reviewers:

- (1) Dhanashree K Toradmalle, K J Somaiya Institute of Technology, India.
- (2) Ikharo Abdullahi Braimoh, Edo State University Uzairue, Nigeria.
- (3) Gowtham S, Nandha Engineering College, India.

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DOI: 10.9734/jerr/2025/v27i121752

Reviewers:

- (1) Rajesh Vayyala, United States of America.
- (2) Thien Anh Nguyen Bui, John von Neuman Institute, Vietnam.

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Reviewers:

- (1) Tigabu Mekonnen Belay, Addis Ababa Science and Technology University, Ethiopia.
- (2) S. Bagyalakshmi, KGISL Institute of Technology, Coimbatore, India.
- (3) Gaddam Sathish Goud, Anna University, India.

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DOI: 10.9734/jerr/2025/v27i121754

Reviewers:

- (1) Barhm Mohamad, Erbil Polytechnic University, Iraq.
- (2) Anoy Chakraborty, Khulna University of Engineering & Technology, Bangladesh.

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