

ICRAERM 2027 — OFFICIAL ABSTRACT TEMPLATE

International Conference on Recent Advances in Engineering Research & Management
GIFT Autonomous, Bhubaneswar, Odisha, India · 18–20 March 2027

Document Type: Abstract Submission Template	Submission Track: [Select Track 1 to 5]
Word Limit: 250 – 300 Words	Keywords: 4 to 6 Keywords
Format: Single Column, Times/Helvetica 10pt	Submission Mode: Portal / PDF Upload

Title of Proposed Paper [Concise, Bold, 14pt Capitalized]

First Author¹, Second Author^{2*}, Third Author¹

¹ Department of Computer Science & Engineering, GIFT Autonomous, Bhubaneswar, India

² Department of Electrical Engineering, Indian Institute of Technology, India

*Corresponding Author Email: author@example.edu.in

ABSTRACT

[Replace this placeholder text with your abstract text. The abstract should be self-contained and concise, typically between 250 and 300 words. It must outline the context of the research, state the problem under investigation, explain the methodological approach or experimental framework adopted, summarize key empirical or simulated findings, and emphasize the technical novelty and practical significance of the contribution.]

Modern industrial engineering and smart system management demand continuous innovation across computing architectures, energy optimization, and automated decision-making. In this study, we propose an adaptive machine-learning assisted framework tailored for real-time sensor anomaly detection and energy conservation in distributed systems. A rigorous comparative benchmarking was conducted against conventional statistical baselines over an extensive dataset. The experimental validation reveals a 21.4% improvement in predictive accuracy and an 18% reduction in computational latency. These outcomes confirm the viability of the proposed solution for scalable deployment in industrial Internet of Things ecosystems.

Keywords: Artificial Intelligence, Sustainable Systems, Machine Learning, Anomaly Detection, Edge Computing (4–6 representative keywords separated by commas)

AUTHOR SUBMISSION CHECKLIST

No.	Requirement	Status
1	Abstract length adheres to 250–300 words without undefined abbreviations.	[] Checked
2	Full author names, academic affiliations, and corresponding email provided.	[] Checked
3	Proper thematic track selected from the ICRAERM 2027 list.	[] Checked
4	Original research contribution with no prior publication or concurrent submission.	[] Checked