

# International Journal of Latest Technology in Engineering, Management & Applied Science

## Review Result

Paper ID (UMI): 14IJ09MAS8012

Title: ScamShield – Catch Scammers with Auto-Recorded Calls: REVIEW PAPER

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### Originality

Fair

### Presentation

Fair

### Applicability

Fair

### Overall Status

Fair

### STRENGTHS

The paper addresses a highly relevant and timely problem telecom fraud with a clear motivation supported by statistics (e.g., \$38 billion loss). It successfully bridges existing literature on AI, voice biometrics, and behavioral analysis into a proposed lightweight Android solution, ScamShield. The inclusion of a comparison table and summary table effectively highlights how the proposed system differentiates from existing tools like Truecaller. The paper also demonstrates practical awareness by discussing offline functionality, Firebase integration, and limitations such as OS restrictions. The future directions section is thoughtful, particularly the mention of emotion recognition and voice-to-text transcription. Additionally, the reference list is extensive and draws from diverse, credible sources across IEEE and cybersecurity journals.

### WEAKNESSES

The paper suffers from structural inconsistency: it presents itself as a “review paper” but reads more like a project proposal or system design document. Many sections (e.g., Applications, Limitations, Future Directions) are written from a product perspective rather than a critical review of existing literature. There is no explicit research methodology for how the literature was selected or analyzed. The proposed ScamShield system is described repeatedly without rigorous comparison to peer-reviewed AI-based call screening systems beyond superficial mentions. Furthermore, the “COMPARISON [sic] TABLE” is an image with unreadable formatting, and several grammatical errors (“COMPARISION,” missing spaces, inconsistent capitalization) detract from professionalism. The paper also lacks quantitative benchmarks or performance metrics from existing studies.

### SUGGESTIONS

The authors should first decide whether the paper is a review or a proposal. If a review, remove product-specific sections (e.g., “Applications,” “Future Directions of ScamShield”) and instead critically synthesize findings from 5–10 key papers, highlighting gaps. If a design paper, retitle it and add system architecture, implementation details, and evaluation plans. Improve readability by

proofreading for typos and formatting the comparison table properly. Add a dedicated "Methodology" section for literature selection (e.g., keywords, databases, inclusion/exclusion criteria). Finally, include a discussion of ethical issues around call recording and user consent, as this is critical for real-world deployment. Consider adding a pilot study or simulation results to strengthen claims.

### Final Recommendation

**Accepted with change**