

Review Form 1.7

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_97753
Title of the Manuscript:	Application of Deep Learning Techniques in the Development of Predictive Maintenance and Fault Detection in Electric Motors
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	1. Yes, Thermography is widely used to detect and diagnose faults, cracks and defects in various industrial applications, and the possibility of integrating this technology with an intelligent monitoring system makes it under development by researchers in this regard. 2. Yes, to some extent. 3. No 4. No 5. Yes 6. No, need more literature review. ***** 7. The abstract needs to be rephrased, many of the sentences are weak and incomprehensible to the reader. 8. When the literature review, the last name of first author and et al. if any must be mentioned in addition to the reference number. Also, the results reached by the authors in their study should be presented, for example results of [9] were not mentioned. 9. When mentioning the Stefan-Boltzmann constant, its value should be written ($5.6704 \times 10^{-8} \text{ W/m}^2 \cdot \text{K}$). 10. The manuscript needs typesetting edits: Replace Figure 2 in the text with Fig. 2 Subsections 2.1 and 2.2 cannot be before sections 2 Fig. 2 is not clear	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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