Review Form 1.7

Journal Name:	**Journal of Engineering Research and Reports**
Manuscript Number:	**Ms_JERR_117126**
Title of the Manuscript:	**THE INHIBITIVE ACTION OF Ocimum gratissimum LEAF EXTRACT ON MILD STEEL CORROSION USING THE ULTRA VIOLET LIGHT**
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, the manuscript appears to be important for the scientific community, particularly for researchers and professionals in the field of corrosion science and materials engineering. The study investigates the effectiveness of Ocimum gratissimum extract as a corrosion inhibitor in the presence of UV radiation, which is a novel and potentially valuable contribution to the field. The findings of the study could have practical implications for the development of new corrosion inhibitors that are environmentally friendly and effective in various conditions. Additionally, the study's methodology and experimental setup provide valuable insights for researchers interested in similar studies. Overall, the manuscript addresses an important issue in materials science and has the potential to advance the understanding of corrosion inhibition mechanisms. **2.** Yes **3.** Yes **4.** Yes **5.** Yes **6.** It is suggested to add latest references of 2023 and 2024.	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	Yes	
Optional/General comments	1. The introduction could also be enhanced by clearly stating the objective or aim of the study, i.e., to investigate the effectiveness of Ocimum gratissimum extract as a corrosion inhibitor in the presence of UV radiation. 2. Additionally, it would be helpful to include information on the specific equipment and materials used in the experiments, as well as any relevant safety precautions taken during the study. 3. The results and discussion section presents the experimental results effectively, with clear tables and figures illustrating the effects of UV radiation on corrosion in acidic and alkaline environments. However, the discussion could be further developed to provide a more in-depth analysis of the results, including a discussion of the mechanism of action of the corrosion inhibitor and how UV radiation affects this mechanism.	

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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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