

Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_85937
Title of the Manuscript:	THE STUDY AND PREDICTION OF CORROSION RATE OF DUCTILE IRON IN CASSAVA FLUID USING JAVA ORIENTED PROGRAM
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:

(<https://www.journalcjast.com/index.php/CJAST/editorial-policy>)

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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	<p>This research is studying the corrosion rate of iron in cassava (first scope). It uses Java oriented program to predict similar corrosion with varying parameters such as time of immersion and surface area (second scope).</p> <p>Current researchers are interested in the first scope. Second scope is not very crucial. Thus the author/researcher should concentrate on corrosion study via several methods, beside gravimetric.</p> <p>Most readers are also interested in the first scope or findings.</p> <p>REFERENCES need much improvement: Format is not standard and incomplete. Need to refer to many other related studies such as: -The effect of concentration of Lawsonia inermis as a corrosion inhibitor for aluminum alloy in seawater, Advances in Physical Chemistry, 2017,8521623. 2017. -Potential of Honey as Corrosion Inhibitor for Aluminium Alloy in Seawater, World Applied Sciences Journal, V14, n2, p.215-220. 2011. -Evaluation of Inhibitive Action of Sodium Benzoate on Corrosion Behaviour of AA6063 in Seawater, International Journal of Technology, 1(1), pp. 20-28. 2010. - Development of anti-corrosive paint incorporated with henna extract as a natural inhibitor, Journal of Mechanical Engineering and Sciences, 11(4), pp. 3179-3188, 2017. -Corrosion inhibition of mild steel in seawater through green approach using leucaena leucocephala leaves extract, International Journal of Corrosion and Scale Inhibition, 8(3), pp.628-643. 2019.</p>	
Minor REVISION comments	When dealing with corrosion, should include EIS, SEM, etc in methodologies, results and discussions sections.	
Optional/General comments	"Results and Discussion" are similar to the output of undergraduate work. Please refer to other established manuscripts/journals.	

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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