

Review Form 1.6

Journal Name:	South Asian Journal of Research in Microbiology
Manuscript Number:	Ms_SAJRM_94092
Title of the Manuscript:	DEGRADATION OF POLYETHYLENE USING BACTERIA FROM WASTE DUMP SITES IN OBIO/AKPOR LOCAL GOVERNMENT AREA IN RIVERS STATE.
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	<ol style="list-style-type: none"> 1. The abstract is very long. It is possible to rewritten with fewer words , The idea can be explained in precise and summarized content 2. The Keywords must be more than 5 words 3. Introduction is very weak. It need to reformulate . The topics of introduction are not covered the subject of paper 4. Author did not mention the previous works or recent paper which have been published 5. Some sentences in introduction need to clarify in details 6. I did not know if author used bag waste or beads because the author said in materials section PE bag waste has been used but in other section author said that PE was beads 7. The results are very weak . The topics need more detection and more investigations 8. Do you author think that results of paper sufficient to give correct judgement about the efficiency of these bacteria 9. The results showed that PE degradation rate using different types of bacteria was very slow and very low 10. There is pictures of microscope image to show the effects of degradation process on PE surfaces 11. Thee is no SEM or EDX test to show morphology of surfaces of PE besides the elemental composition before and after this process 12. Most reference are out of date . It is not reasonable to depend on old references 13. The degradation mechanism is not explained 14. There are no pictures of bacteria colonies to prove and to add details to this work 	
Minor REVISION comments	<ul style="list-style-type: none"> • The important point is that paper language need to check again • The properties of materials company name and country of origin did not mentioned for compounds, material and instruments • The figures are very few It needs to more clarification 	
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>	

Reviewer Details:

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