

Review Form 3

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_131324
Title of the Manuscript:	Bioremediation of Petroleum Hydrocarbon-Contaminated Soil using Activated Sludge Derived from Vitellaria paradoxa Seed Wastewater
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	It is one of the non-toxic methods for degradation of hydrocarbon. Several detrimental effects such as disturbance of soil microbial communities, imbalance of ecosystem and many others are noted in some studies. Thus, microbe mediated hydrocarbon degradation would be proven a sustainable approach for contaminated land for resiliency.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, title of the article is suitable.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, abstract of the article is appropriate. Still, this needs just some minor corrections as following. 1. Pseudomonas should be in italics. 2. At the end of the abstract, add brief conclusion line about application of this study. 3. Second and third line of abstract "as many of their constituents are toxic, mutagenic and/or carcinogenic" should be like "as many of their constituents are potentially toxic, mutagenic and/or carcinogenic".	
Is the manuscript scientifically, correct? Please write here.	Yes, it is scientifically correct.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, references are sufficient and recent. Still, minor correction needs to make them in unified format or according to journal rules.	
Is the language/English quality of the article suitable for scholarly communications?	Yes, English is according to communication for scholar articles but need some minor corrections. For example, material method, section 2.1, 3 rd line "which the soil was sample has never been exposed" should be like "which the soil was sampled has never been exposed" or "which the soil sampled has never been exposed". Material method, section 2.1, 4 th and 5 th line "The plot had not been tilled or planted with crops in the past 25 years." should be like "The plot has not been tilled or planted with crops in the past 25 years." Do these types of grammatical corrections for whole manuscript accordingly. Material method, section 2.1, is it centrimide or cetrimide? Correct this one. Material method, section 2.1, "Where necessary, sterilization was by autoclaving at 121°C for 15 minutes" This sentence looks incomplete. Hence, complete this sentence. Material method, section 2.8, check and do correction for Pseudomonas spelling Write Introduction with some good and properly crafted English language. If possible, use connectors to connect sentences.	
Optional/General comments	In introduction section, give short and appropriate reason why Vitellaria paradoxa Seed Wastewater was selected for isolation of microbes or for isolation of activated sludge? At the end of introduction section add paragraph that briefly describes about this study. Results and discussion, section 3.3, images need to be somewhat larger because it is non-readable.	

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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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