

## Review Form 1.6

Journal Name:	<a href="#">Journal of Energy Research and Reviews</a>
Manuscript Number:	Ms_JENRR_94894
Title of the Manuscript:	<b>Biogas Production from Anaerobic Co-Digestion of Biosolids from Wastewater Treatment</b>
Type of the Article	<b>Original Research Article</b>

### **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.journaljenrr.com/index.php/JENRR/editorial-policy> )

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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)</b>
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	1 What is the sample volume of biomass suspension used in methodology. 2 On what basis author choose the biosolid and activated sludge reactor bacteria of 1:9. 3 The physicochemical characteristics of biosolid and microbial analysis would be meaningful. 4 How long a complete fermentation process took place, please describe in details. 5 A through language polishing by someone with better English language skills. There are many English writing problems which need to be carefully modified 6 Is there any constant variables that need to be controlled during the fermentation period? 7 Any pretreatment on biosolid samples before undergo analysis? 8 Authors should discuss more why that particular ratio of biosolid and activated sludge reactor bacteria gives those results. Relates with mechanism behind. 9 In methodology, is there any control anaerobic digestion process that can be compares with in terms of the biogas production rate? 10 Are there any analysis to determine types of microorganism presence during the anaerobic co-digestion process? 11 The details on the analysis done in methodology would be more meaningful. 12 Lack of critical review on previous work using anaerobic co digestion combining the chosen bacteria in producing biogas. Authors should highlight the novelty of using anaerobic co-digestion that can answer the research gap from previous research work. 13 In methodology, on what basis the author chooses the parameters range in anaerobic digestion process. Need to add criticizes reviews on this in chapter 2. 14 Figure needs to redraw. Background of the figures need to be removed. 15 In result and discussion, a thorough discussion is needed. Relate the result with the mechanism of methanogenesis bacteria present.	
<b>Optional/General</b> comments		

### **PART 2:**

	<b>Reviewer's comment</b>	<b>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)</b>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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**Reviewer Details:**

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