



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_34050
Title of the Manuscript:	Simulation of Kinetic Model for Anaerobic Digestion of Pharmaceutical Wastewater
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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. Please clearly state the aim of your research in Section 1. The scope of the paper and the workflow is well described, just a statement of the use of the established model is missing. 2. In line 96, please correct COD₅, BOD to COD, BOD₅ 3. In line 160-161, E as reactor efficiency is introduced. What kind of efficiency is it? (maybe hydraulic efficiency?) Please clarify. 4. In line 197-198, the temperature ranges should be double-checked. (Mesophilic and thermophilic should change places) 5. Which part of the measured data were applied for model calibration and which part was used in model validation? The two different modelling steps are not separated. 6. Based on the model established how it helps the future operation?	The aim of this research work is to treat pharmaceutical waste water by kinetic modelling of anaerobic digestion. The others have been corrected too.
Minor REVISION comments	There are some typos in the manuscript, please proofread it carefully again. e.g. line 101: space is missing line 112 k_1 instead of K_1 line 192 'the moisture content was the high' please rephrase this sentence	These has been corrected and highlighted with yellow in the manuscript.



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<u>Optional/General</u> comments	Optional: - In Section 2, a graphical representation of the theory would be useful for the batch and the continues system.	
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