



SDI Review Form 1.6

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_3797
Title of the Manuscript:	The Effect of COD:N Ratios and pH Control to Biogas Production from Vinasse

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	In the Abstract Methodology line no. 4 is not proper. You may correct it by "initial pH of all variables was maintained 7.0 by adding 10N NaOH solution." Under experimental set up, how much units of bio digester are used, please specify the batch size. In Figure 2 caption please replace " at various of COD: N" with ".....at various ratio of COD: N". Please revise lines from 172-176. Under Results and Discussion line no 197 you may correct it as "pH neutralization could be done by addition of H₂SO₄ and NaOH....." Under Conclusion you have reported the results once again, you may emphasize the recommendation of this study like what are the optimal conditions you will suggest for achieving maximum biogas production based on this research work.	
<u>Minor</u> REVISION comments	At many stages space between two words are not there. You may correct it at the: 1) Line no. 42: Escalantea et al 2) Line no. 188: was optimal	
<u>Optional/General</u> comments	The sufficient details of materials and methods are provided. The result and discussion part is based on actual data and figures reported. The findings reveal that biogas production was maximum for	



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	controlled pH conditions at 600:7 COD: N ratio. These results may be utilized and explored at large industrial scale as the same may avoid environmental contamination by Vinasse and at the same time provide a source for renewable energy in the form of biogas. Statistical analyses are not done. It would be better if data are reported based on statistical analyses.	
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Reviewer Details:

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