

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_125691
Title of the Manuscript:	Performance Evaluation and Economic Sustainability of the PAU Model Batch Type Paddy Straw Biogas Plant
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Paper proposes biogas production from anaerobic digestion of paddy straw. These findings have significant implications for policymakers and rural development practitioners in promoting sustainable agriculture and renewable energy adoption in developing regions.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Amount of biomass (paddy straw) used for producing 296 m3 biogas can be mentioned.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Paper addresses agriculture waste (biomass) management. This waste is used for producing renewable biofuel and residue is used as fertilizer. Biofuel obtained (biogas) is used as replacement for conventional non-renewable fuel (LPG).	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	More references can be added	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Language level is ok. Acceptable with the specified corrections are done.	
Optional/General comments	Regression analysis is used in section 3.1, few more details can be added -Need of temperature control is mentioned, few research works employing temperature control techniques can be added. -Research works covering other factors affecting biogas production can be added.	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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