

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_91549
Title of the Manuscript:	GENETIC VARIABILITY AND PATH ANALYSIS FOR YIELD AND GRAIN YIELD COMPONENT CHARACTERS IN RICE (<i>Oryza sativa</i> L.) GENOTYPES
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:

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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		
Minor REVISION comments	<p>Manuscript entitled: "GENETIC VARIABILITY AND PATH ANALYSIS FOR YIELD AND GRAIN YIELD COMPONENT CHARACTERS IN RICE (<i>Oryza sativa</i> L.) GENOTYPES" is correctly prepared and the manuscript reports some valuable findings on the importance of heritability and genetic advance as selection parameters when considered together help the breeders in determining the traits having better corresponding between phenotypes and genotypes and are expected to give better response to rice selection.</p> <p>Twenty one genotypes of rice were evaluated in a field study to assess the magnitude of genetic variability, heritability and genetic advance for yield and quality attributing traits. The analysis of variance revealed that there were significant differences among the entries for all the traits studied. The genetic parameters revealed that moderate to high variability coupled with high heritability and high genetic advance as per cent of mean for agronomic traits viz., days to 50% flowering and days to maturity, suggesting the predominance of additive type of gene action in controlling these traits and improvement of these characters is possible through simple selection.</p> <p>However, the article has some shortfalls with the language that needs to be attended to by thoroughly editing the manuscript's language. Please make sure that the manuscript is thoroughly reviewed. Numerous typos and syntax issues are still present.</p>	
Optional/General comments		

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?	(If yes, Kindly please write down the ethical issues here in details)	

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