Review Form 3

Journal Name:	**Archives of Current Research International**
Manuscript Number:	**Ms_ACRI_125374**
Title of the Manuscript:	**Study on Genetic Diversity in Greengram (Vigna radiata L.) using Metroglyph Analysis**
Type of the Article	**Research Paper**

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
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.	**This manuscript offers a comprehensive genetic diversity analysis in greengram, using Metroglyph analysis, providing crucial insights for improving crop yield and breeding strategies.** **The study identifies genetically diverse, high-yielding greengram genotypes, contributing valuable information for enhancing breeding programs and improving environmental adaptability in pulses.** **By exploring superior greengram genotypes, this research addresses food security challenges, offering essential knowledge for developing resilient, high-yielding cultivars to combat global agricultural challenges.** **Focusing on sustainable agriculture, the manuscript promotes environmentally friendly practices by identifying traits that enhance greengram's role in crop rotation and intercropping systems.**	
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.	**NO**	
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.	**This manuscript is scientifically robust due to its rigorous methodology, utilizing well-established Metroglyph analysis for accurate genetic diversity assessment in greengram. The researchers employed precise statistical tools, ensuring reliable and valid results that contribute to the advancement of breeding programs. Additionally, the comprehensive dataset and controlled experiments enhance the technical soundness, providing strong evidence for the study's conclusions and practical applications in agriculture.**	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	**sufficent**	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	Suitable	
Optional/General comments	NA	

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)*	

Reviewer Details:

Name:	**Ravi Kishan Soni**
Department, University & Country	**RNB Global University, India**