

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_127953
Title of the Manuscript:	Comparative Assessment of Green and Red Lasers for Long-Distance Light Intensity Detection Using Light Dependent Resistors
Type of the Article	

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: 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. A minimum of 3-4 sentences may be required for this part.	This article offering valuable guidance for designing efficient optical sensing systems. This study proposes the suggestion for contributing to better water resource management. The study's methodological clarity and focus on fundamental principles of optics and photodetectors make it a resource for educational purposes, particularly in optics and environmental engineering curricula.	
Is the title of the article suitable? (If not please suggest an alternative title)	Relevant to the content in manuscript, it could be titled as "Evaluating Green and Red Laser Performance in Long-Distance Optical Sensing with Light Dependent Resistors"	
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.	The abstract is very general. It could be addressed influence of environmental factors, Comparative Analysis with other Photodetectors, impacts of performance of LDRs by background light interference and its mitigation, Experiment may be done with dynamic conditions, such as moving water or variable sediment concentrations, to better reflect real-world challenges	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct. However it can be justified with case studies on surrogate sediment technology and bathymetric mapping systems, particularly impacts on accurate detection of light intensity over extended distances	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Recent reference papers may be included and to be discussed in literature review section	
Is the language/English quality of the article suitable for scholarly communications?	May be improved	
Optional/General comments	Comparative Assessment may be included by examining key factors such as LDR sensitivity, signal detection efficiency, and environmental factors.	

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>	

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