

Review Form 1.6

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| Journal Name: | Asian Journal of Agricultural and Horticultural Research |
| Manuscript Number: | Ms_AJAHR_91977 |
| Title of the Manuscript: | SIMULATION AND CONSTRUCTION OF A SOLAR POWERED SMART IRRIGATION SYSTEM USING INTERNET OF THINGS (IoT), BLYNK MOBILE APP |
| 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:

(<https://www.journalajahr.com/index.php/AJAHR/editorial-policy>)

PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewers, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Compulsory REVISION comments | The authors have proposed an integrated model of an automated pumping system with an APP. This is useful for farmers to avoid water loss during watering. 1. Kindly refer to the existing works and validation is expected against the recently proposed method. 2. How the application is configured with hardware, that point is not clear in the manuscript. 3. The literature review needs to be enhanced with recent relevant works. | |
| Minor REVISION comments | 1. Proofreading is required to correct grammatical and typo errors. | |
| Optional/General comments | 1. Please refer this paper https://ieeexplore.ieee.org/document/7332052 | |

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) |
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| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

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