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| Book Name: | **Intelligent IoT Systems: From Research to Real-World Solutions** |
| Manuscript Number: | **Ms\_BPR\_6282.1** |
| Title of the Manuscript:  | **Smart Water Management Using IoT: An Integrated Approach to Conservation and Automation** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimum of 3-4 sentences may be required for this part.** | This manuscript is important for the scientific community as it presents a practical IoT-based system for efficient water management. By combining water level monitoring, leak detection, and rainwater harvesting into one solution.The proposed system is affordable, reliable, and adaptable, making it useful for both households and small communities. It also provides a foundation for future research on smart and sustainable water management technologies. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Yes as it clearly highlights the domain |  |
| 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. | listing all sensors and actuators makes the abstract long; instead, highlight the core functions(level monitoring, leak detection, rainwater harvesting).remove too many details about calibration, servo motor control, or LED indicators (better suited for methodology). |  |
| **Is the manuscript scientifically, correct? Please write here.**  | The results section could be strengthened by presenting more quantitative data (e.g., error analysis, standard deviations, multiple test runs).Overall the manuscript is scientifically correct and technically valid. With minor improvements in data analysis and critical discussion |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes,** Many citations are from 2021–2025 |  |
| Is the language/English quality of the article suitable for scholarly communications? | yes |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Vaibhav Godase, India**