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| Book Name: | **Intelligent IoT Systems: From Research to Real-World Solutions** |
| Manuscript Number: | **Ms\_BPR\_6282.6** |
| Title of the Manuscript: | **Agrosense: IoT Based Smart Vegetable Gardening System** |
| 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 work delivers an advanced, automated system for greenhouse vegetable cultivation by combining IoT sensors with AI-based plant disease identification. Its innovative methodology promotes accuracy in agriculture, minimizes manual labor, and establishes a model for sustainable and intelligent farming practice** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes,but if possible consider "Agrosense: An IoT and AI-Integrated System for Autonomous Greenhouse Vegetable Monitoring and Disease Detection"** |  |
| 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 effectively summarizes the integration of IoT and AI for autonomous greenhouse monitoring, but it could be enhanced by explicitly highlighting the system's broader impact on sustainable agriculture.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically accurate, well-structured, and demonstrates robust integration of IoT and AI technologies for smart greenhouse management.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are current and adequate, but incorporating recent works on edge AI and explainable AI in smart agriculture could improve depth.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The manuscript’s language and English quality are generally clear and suitable, with minor improvements recommended for enhanced readability and professionalism.** |  |
| 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)*  No |  |

**Reviewer details:**

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