

## REVIEWER'S REPORT

Manuscript No.: IJAR-55087

Title: Intelligent Solar Panel Fault Diagnosis and Power Output Prediction Using CNNBased Deep Learning Models.

### Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance		✓		

Reviewer Name: Dr. Gulnawaz

### Reviewer's Comment for Publication.

The study and community-engagement program conducted at the Islamic College (STAI) of Siak Regency aims to promote religious moderation through a cultural approach grounded in the Islamic–Malay local wisdom of the former Siak Sultanate, historically recognized for tolerance, social harmony, and intercultural dialogue. Preliminary findings indicate that over 65% of STAI students had not previously received structured training in religious moderation, resulting in limited understanding of key concepts such as tolerance, national commitment, rejection of violence, and appreciation of local traditions. Using a Participatory Action Research (PAR) approach, the program incorporated field observations, interviews, and reflective discussions with students, lecturers, and community leaders across multiple villages.

The results demonstrate that internalization of values such as Islamic brotherhood (ukhuwwah islāmiyyah), national brotherhood (ukhuwwah waṭaniyyah), and human brotherhood (ukhuwwah insāniyyah) was effectively achieved through collaborative social activities, including community service, Qur'an-literacy workshops, religious study groups, and cultural dialogues. Approximately 92% of community members observed students exhibiting moderate attitudes, tolerance, and active, equitable participation in social initiatives. Core principles of moderation—musāwah (equality), ta'āwun (mutual help), and ihtirām (respect)—were evident in student interactions, reflecting Qur'anic teachings, prophetic traditions, and Islamic ethical foundations rooted in tawhīd, prophetic guidance, and moral conduct. National solidarity was reinforced through practices of patriotism, social cooperation, acceptance of diversity, and engagement in community development, aligning with the perspectives of prominent Indonesian scholars such as KH. Hasyim Asy'ari, Buya Hamka, and contemporary Muslim thinkers.

Beyond fostering students' identity as moderate and inclusive Muslims, the program enhanced historical awareness of the Siak Sultanate's legacy as a model for harmonious integration between Islam and local culture. Students demonstrated Islam as rahmatan li-l-'ālamīn by applying da'wah bil-hikmah (wisdom-based preaching) and empathy-driven social behavior appropriate for a multicultural society. The study

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underscores that religious moderation cannot be instilled solely through theoretical instruction; it requires participatory, community-based experiences linking Islamic teachings to real-life contexts.

Overall, the findings indicate that integrating local wisdom, Islamic ethical principles, and community engagement can successfully cultivate students' character to be tolerant, peace-oriented, and nationally committed. STAI Siak emerges as a promising model for contextual, culturally grounded Islamic education that fosters moderate religious understanding and contributes meaningfully to society.