



ISSN NO. 2320-5407

ISSN: 2320-5407

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-50317

Date: 19/2/2025

Title:

Development of a Predictive Composite Index for early diagnosis of psoriatic arthritis

Recommendation:

Accept as it is
 Accept after minor revision. ✓

 Accept after major revision

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

Reviewer Name: Dr.Sumathi

Date: 19/2/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Psoriatic arthritis is a chronic inflammatory condition that affects both the skin and joints. It is an autoimmune disease, meaning the bodys immune system mistakenly attacks healthy tissues.

Detailed Reviewer's Report

- 1. Early diagnosis refers to the identification and detection of a disease or condition in its early stages, often before the onset of noticeable symptoms.**
- 2. Predictive index is a tool that helps employers assess job candidates by measuring their personality, skills, and cognitive abilities. The PI helps employers predict how well a candidate will perform in a job.**

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- 3. Developing a predictive composite involves creating a computational model or machine learning algorithm that can accurately forecast the performance and behavior of a composite material based on its constituent components manufacturing parameters and loading conditions.**
- 4. And allowing for optimized design and production without extensive physical testing, often utilizing techniques like micromechanical analysis, finite element modeling and machine learning algorithms to achieve high prediction accuracy.**
- 5. Early diagnosis of psoriatic arthritis means identifying and diagnosing the condition as soon as possible after the first symptoms appear.**
- 6. It can include joint pain, stiffness, swelling, nail changes, or skin lesions typical of psoriasis allowing for prompt treatment to prevent further joint damage and complications.**
- 7. Review of informations are good and significant points.**
- 8. This research findings are medically very valued. Can be continued to next level to explore more.**
- 9. Results with tables are good . Can be included graphs would be more good .**
- 10. Summary parts can be added.**
- 11. References should be in alphabetical order.**
- 12. Allignments must be needed.**
- 13. This research is value to publish in your journal.**