

# Skin Disease Identification using Image Processing

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**Abstract:** Skin diseases are very dangerous and contagious. Dermatitis is the most common among other conditions caused by things like fungal infections, bacteria, allergies, or viruses. May cause. Dermatitis is diseases that affect the skin. Skin diseases are diseases that only a dermatologist can cure, while some skin diseases cannot be cured by proper medications. Skin diseases can also cause rashes, inflammation, itching, or other skin changes. The objective of this research is to detect skin diseases through image processing. In this process, we take an image of the infected part of the image and after analyzing the image using image processing techniques, we get an output of what type of disease it is and we use CNN for real-time detection of skin diseases.

**Keywords:** CNN, Image Processing, Deep learning, Machine learning

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