## **IJARSCT**



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 1, June 2022

# Formulation and Evaluation of Polyherbal Gel for Treatment of Acne

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Abstract: Acne vulgaris is a persistent inflammatory skin condition that affects roughly 80% of adolescent girls during puberty. Antibiotics are being used more frequently to combat this problem, which has resulted in a number of negative side effects. As a result, it must concentrate on the herbal formulation as a first-line topical treatment. In this investigation, three medicinal plants with substantial antibacterial activity, Citrus limon, Curcuma longa, and Aloe barbadensis, were chosen to construct a polyherbal gel for the treatment of acne vulgaris. Citrus limon, Curcuma longa, and Aloe barbadensis were extracted and described. The topical gels were made with varied concentrations of orange peel extract, aloevera extract, and turmeric extract. The gel was made and assessed after being maintained at room temperature for 24 hours. Skin illness is caused by toxins collecting in the bloodstream as a result of blood impurities, poor eating habits, and a sedentary lifestyle. Acne vulgaris is a skin condition that affects the majority of teenagers during puberty due to hormonal changes that alter pathophysiologic variables. This formulation has the advantage of being convenient and straightforward to use, as well as improving physiological and pharmacological

**Keywords:** Anti-acne gel, herbal formulation, and evaluation

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responses. As a result, we discovered that the Anti-acne gel has good properties in this study.

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DOI: 10.48175/IJARSCT-4760

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