

## Review on Anti-Aging Cream

Vansika<sup>1</sup>, Kiran C Rodage<sup>2</sup>, Bellale Sneha Somnath<sup>3</sup>, Bavage Ashlesha Shivanand<sup>4</sup>,  
Torkade Vishal Mahadev<sup>5</sup>

Student, Shivlingeshwar College of Pharmacy, Almala, Latur, Maharashtra, India<sup>1,3,4,5</sup>

Assistant Professor, Department of Pharmaceutics

Shivlingeshwar College of Pharmacy, Almala, Latur, Maharashtra, India<sup>2</sup>

**Abstract:** *Anti-aging creams have gained widespread popularity as a solution to combat the visible signs of aging, such as wrinkles, sagging, and uneven skin tone. These creams typically contain a variety of active ingredients designed to address different aspects of skin aging, including moisturizing, antioxidant effects, and promoting biological activity. Common ingredients found in anti-aging formulations include retinol, hyaluronic acid, peptides, and various plant extracts, each offering unique benefits in enhancing skin health. Retinol, for instance, is known for stimulating collagen production and improving skin texture, while hyaluronic acid helps retain moisture, reducing the appearance of fine lines. Furthermore, the use of antioxidants protects the skin from oxidative stress caused by free radicals, one of the primary contributors to premature aging. The effectiveness of anti-aging creams is determined through a range of evaluations, such as pH measurement, viscosity testing, spreadability, stickiness, and stability tests. These tests ensure that the product not only delivers the desired results but also remains safe and effective over time. Despite their popularity, the efficacy of these creams can vary depending on the formulation and the active ingredients used. This review explores the current understanding of anti-aging creams, their active components, and the methods used to assess their effectiveness, providing insights into their potential benefits and limitations*

**Keywords:** Anti-aging, skin care, retinol, hyaluronic acid, antioxidants, skin wrinkles, formulation, efficacy testing, moisturizing, collagen production