INSTABRIGHT e-GAZETTE
ISSN: 2704-3010
Volume VI, Issue IV
March 2025
Available online at https://www.instabrightgazette.com

DEVELOPING THE POTENTIAL OF DYES FROM FLOWERS' PETALS AS AN ALTERNATIVE FOR WATERCOLOR AND ACRYLIC PAINT

DE LOS REYES, KRISTIN B.
PANALIGAN, PORTIA L.
CALINGASAN, JOHN ERIC B.
RODRIGUEZ, AVRILLE JANE D.
BARAL, CRISTOPHER M.
Balayan Senior High School

ABSTRACT

This paper aims to thoroughly examine the potential of using dyes from flowers' petals as an alternative to traditional watercolor and acrylic paint. This study also aims to compare the opaqueness, smell, fade resistance, cost of the oil-based and water-based paint. To obtain the necessary data, this study used a quantitative research design.

Using statistical data from the results of an experimental approach. The finding shows that while oil-based paints are prized for their rich, vibrant colors and smooth, glossy finish, they have downsides like longer drying times, possible adhesion problems, and increased fading susceptibility, particularly when exposed to heat and moisture. In contrast, water-based paints are faster drying, have better adhesion, and are more resistant to fading, making them a more effective and long-lasting option for many artists. Although water-based paints are more opaque and produce lighter colors, they are also typically less expensive and less odorous, making them a desirable alternative for artists on a tight budget or those looking for a milder scent.

Editorial Team
Editor-in-Chief: Alvin B. Punongbayan
Associate Editor: Andro M. Bautista
Managing Editor: Raymart O. Basco
Web Editor: Nikko C. Panotes
Manuscript Editors / Reviewers:
Chin Wen Cong, Christopher DC. Francisco, Camille P. Alicaway, Pinky Jane A. Perez, Mary Jane B. Custodio, Irene H. Andino, Mark-Jhon R. Prestoza, Ma. Rhoda E. Panganiban, Rjay C. Calaguas, Mario A. Cudiamat, Jesson L. Hero, Albert Bulawat, Cris T. Zita, Allan M. Manaloto, Jerico N. Mendoza