

## ABSTRAK

**WIWIK ROWIANA SINAGA, NIM: 5131142027 : HUBUNGAN  
PENGETAHUAN WARNA DENGAN KEMAMPUAN MENGOLAH KUE  
INDONESIA PADA SISWA KELAS XI SMK PARIWISATA IMELDA  
MEDAN. SKRIPSI. FAKULTAS TEKNIK UNIVERSITAS NEGERI  
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Penelitian ini bertujuan untuk menganalisis; (1) Pengetahuan warna pada siswa; (2) Kemampuan siswa mengolah kue Indonesia siswa; (3) Hubungan antara pengetahuan warna dengan kemampuan mengolah kue Indonesia. Desain penelitian deskriptif korelasi. Tempat Penelitian di SMK Pariwisata Imelda Medan. Waktu penelitian ini dilakukan pada bulan Agustus - September 2020. Populasi dalam penelitian ini adalah siswa kelas XI bidang Jasa Boga dengan jumlah 60 orang. Pengambilan sampel digunakan teknik *random sampling*, sehingga jumlah sampel 30 orang. Data pengetahuan warna dikumpulkan dengan menggunakan tes sedangkan data kemampuan mengolah kue Indonesia dengan pengamatan. Teknik analisis data yang digunakan adalah deskriptif, uji kecenderungan, uji persyaratan analisis dengan uji normalitas dan uji linearitas, uji hipotesis dengan uji korelasi *product moment*.

Berdasarkan hasil penelitian menunjukkan bahwa tingkat kecenderungan variabel pengetahuan warna siswa termasuk kategori cenderung cukup dengan presentase 53.3 persen, dan kemampuan mengolah kue Indonesia cenderung tinggi dengan presentase sebesar 63 persen. Hasil analisis korelasi *product moment* menunjukkan terdapat hubungan yang signifikan antara pengetahuan warna dengan kemampuan mengolah kue Indonesia dengan nilai  $r_{xy} > r_{tabel}$  ( $0,437 > 0,361$ ) pada taraf signifikan 5 persen. Artinya semakin tinggi pengetahuan warna siswa, maka semakin tinggi kemampuan siswa dalam mengolah kue Indonesia.



## ABSTRACT

**Wiwik Rowiana Sinaga, NIM: 5131142027: “The Relationship between Color Knowledge and the Ability to Process Indonesian Cakes in Class XI Students of SMK Pariwisata Imelda Medan”. Thesis. Faculty of Engineering, State University of Medan. 2020**

This study aims to determine; (1) Knowledge of color in students; (2) The ability to process students' Indonesian cakes; (3) The relationship between color knowledge and students' ability to process Indonesian cakes. Descriptive correlation research design. Research Place at SMK Imelda Medan Tourism. When this research was conducted in August - September 2020. The population in this study were 60 students of class XI in the Catering sector. The Sampling technique used random sampling, so that the sample size is 30 people. Color knowledge data was collected using tests while data on the ability to process Indonesian cakes were collected by observation. The data analysis technique used is descriptive, trend test, analysis requirements test with normality test, linearity test and regression equation significance, hypothesis testing with product moment correlation test.

Based on the results of the study, it shows that the tendency level of the color knowledge variable of students is categorized as sufficient with a percentage of 53.3 percent, and the ability to process Indonesian cakes tends to be high with a percentage of 63 percent. The results of the product moment correlation analysis showed that there was a significant relationship between color knowledge and the ability to process Indonesian cakes with a value of  $r_{xy} > r_{table}$  ( $0.437 > 0.361$ ) at a significant level of 5 percent. This means that the higher the student's knowledge of color, the higher the ability of students to process Indonesian cakes.