
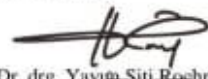



| | | | | | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|
| | 5 | 1 | | | | | | | | | | | | |
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| | 6 | 1 | | | | | | | | | | | | |
| | | 2 | | | | | | | | | | | | |
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| | | 4 | | | | | | | | | | | | |



Lampiran 2 Ethical Clearance

|  KOMISI ETIK PENELITIAN KESEHATAN FAKULTAS KEDOKTERAN GIGI UNIVERSITAS ISLAM SULTAN AGUNG <small>Sekretariat: Fakultas Kedokteran Gigi UNISSULA Jl. Raya Kaligawe Km.04 Semarang 50112 Telp. (024) 650384, Fax 024-6594366</small> | |
|---|--|
| KETERANGAN LOLOS KAJI ETIK DESCRIPTION OF ETHICAL APPROVAL "ETHICAL APPROVAL" No. 275/B.1-KEPKUSA-FKG/III/2021 | |
| Protokol penelitian yang diusulkan oleh : <i>The research protocol proposed by</i> | |
| Peneliti utama <i>Principal In Investigator</i> | : AINAN SALSABILA ROSYADA |
| Pembimbing <i>Supervisor</i> | : 1. drg. Grahita Aditya, Sp. Ort 2. drg. Niluh Ringga Woroprobosari, M.Kes |
| Nama Institusi <i>Name of the Institution</i> | : FAKULTAS KEDOKTERAN GIGI UNISSULA |
| Tempat Penelitian <i>Research Place</i> | : LABORATORIUM BAHAN TEKNIK DEPARTEMEN TEKNIK MESIN SEKOLAH VOKASI UNIVERSITAS GADJAH MADA |
| Dengan Judul <i>Title</i> | : HUBUNGAN ANTARA SUDUT ANB JARINGAN LUNAK DENGAN SUDUT ANB JARINGAN KERAS DALAM PENENTUAN KELAS RELASI SKELETAL |
| Dinyatakan layak etik sesuai 7 (tujuh) Standar WHO 2011, yaitu: 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan / Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar. | |
| <i>Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards : 1) Social Values, 2) Scientific Values, 3) Equitable Assessment and Benefits, 4) Risks, 5) Persuasion /</i> | |
| <i>Guidelines This is as indicated by the fulfillment of the indicators of each standard.</i> | |
| Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 1 Maret 2021 sampai dengan tanggal 1 Maret 2022. | |
| <i>This declaration of ethics applies during the period March 1, 2021 until March 1, 2022.</i> | |
| Semarang, 19 Maret 2021 | |
| Mengetahui, Wakil Dekan I | Ketua Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Gigi UNISSULA |
|  Dr. drg. Yavun Siti Rochmah, Sp. BM NIK. 210100058 |  drg. Adhik Nurhapsari, Sp.KG NIK. 210100021 |

Lampiran 3 Surat Keterangan Penelitian



**LABORATORIUM BAHAN TEKNIK
DEPARTEMEN TEKNIK MESIN SEKOLAH VOKASI
UNIVERSITAS GADJAH MADA**

SURAT KETERANGAN

Laboratorium Bahan Teknik Mesin Sekolah Vokasi UGM menerangkan bahwa:

Nama : Ainan Salsabila Rosyada
NIM : 31101700008
Prodi : Kedokteran Gigi
Institusi : Universitas Islam Sultan Agung Semarang

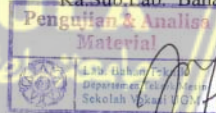
Lembar asli, tidak untuk digandakan

Telah melakukan pengujian **kekasaran** menggunakan alat *Surfcorder SE 1700* dan **friction resistance** menggunakan alat *universal testing machine (Load cell)* pada tanggal 30 Maret 2021 di Laboratorium Bahan Teknik untuk Karya Tulis Ilmiah dengan judul "**Hubungan Antara Micro Pit Corrosion dan Friction Resistance Pada Braket Metal**".

Demikian surat keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Yogyakarta, 30 Maret 2021

Ka. Sub. Lab. Bahan Teknik



Lilik Dwi Setyana, ST., MT

NIP. 197703312002121002

Lampiran 4 Hasil Analisis Data Penelitian



Descriptives^{a,b,c,d,e}

| | Friction | | Statistic | Std. Error |
|----------------------------------|--------------------------|----------------------------------|--------------------------|------------|
| Kekasaran | ,12 | Mean | 7,056000 | ,3480000 |
| | | 95% Confidence Interval for Mean | Lower Bound 2,634241 | |
| | | | Upper Bound 11,477759 | |
| | | 5% Trimmed Mean | . | |
| | | Median | 7,056000 | |
| | | Variance | ,242 | |
| | | Std. Deviation | ,4921463 | |
| | | Minimum | 6,7080 | |
| | | Maximum | 7,4040 | |
| | | Range | ,6960 | |
| | | Interquartile Range | . | |
| | | Skewness | . | . |
| | | Kurtosis | . | . |
| | | | ,13 | Mean |
| 95% Confidence Interval for Mean | Lower Bound 2,080921 | | | |
| | Upper Bound 15,237579 | | | |
| 5% Trimmed Mean | 8,666444 | | | |
| Median | 8,724000 | | | |
| Variance | 17,091 | | | |
| Std. Deviation | 4,1341334 | | | |
| Minimum | 3,7560 | | | |
| Maximum | 13,4330 | | | |
| Range | 9,6770 | | | |
| Interquartile Range | 8,0023 | | | |
| Skewness | -,078 | | | 1,014 |
| Kurtosis | -,864 | | | 2,619 |
| | ,15 | | | Mean |
| | | 95% Confidence Interval for Mean | Lower Bound -1,272185 | |
| | | | Upper Bound 17,914185 | |
| | | 5% Trimmed Mean | . | |
| | | Median | 8,321000 | |
| | | Variance | 1,140 | |
| | | Std. Deviation | 1,0677312 | |
| | | Minimum | 7,5660 | |
| | | Maximum | 9,0760 | |
| | | Range | 1,5100 | |
| | | Interquartile Range | . | |

| | | | |
|-----|----------------------------------|----------------------------|-----------------------|
| | Skewness | . | . |
| | Kurtosis | . | . |
| ,16 | Mean | 10,250667 | ,6234502 |
| | 95% Confidence Interval for Mean | Lower Bound Upper Bound | 7,568177 12,933156 |
| | 5% Trimmed Mean | . | . |
| | Median | 9,897000 | . |
| | Variance | 1,166 | . |
| | Std. Deviation | 1,0798474 | . |
| | Minimum | 9,3920 | . |
| | Maximum | 11,4630 | . |
| | Range | 2,0710 | . |
| | Interquartile Range | . | . |
| | Skewness | 1,316 | 1,225 |
| | Kurtosis | . | . |

Uji Normalitas

Tests of Normality^{a,c,d,e,f}

| | Friction | Kolmogorov-Smirnov ^b | | | Shapiro-Wilk | | |
|-----------|----------|---------------------------------|----|------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Kekasaran | ,12 | ,260 | 2 | . | | | |
| | ,13 | ,146 | 4 | . | ,996 | 4 | ,986 |
| | ,15 | ,260 | 2 | . | | | |
| | ,16 | ,295 | 3 | . | ,920 | 3 | ,451 |

Uji Korelasi Pearson

Korelasi Pearson

| | | Friction | Kekasaran |
|-----------|---------------------|----------|-----------|
| Friction | Pearson Correlation | 1 | ,654** |
| | Sig. (2-tailed) | | ,006 |
| | N | 16 | 16 |
| Kekasaran | Pearson Correlation | ,654** | 1 |
| | Sig. (2-tailed) | ,006 | |
| | N | 16 | 16 |

Lampiran 5 Dokumentasi

