

LAMPIRAN

Lampiran 01. Dokumentasi Penelitian Uji *Impact*

a. Gambar Bahan Pembuatan Spesimen



b. Gambar Pengujian *Impact* dan Pengambilan Data di LAB. Teknik Mesin Universitas Udayana Bali

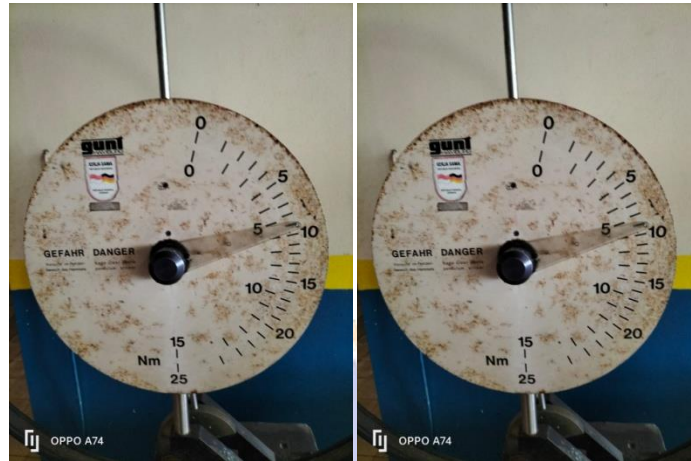


c. Pengambilan Gambar Pola Patahan dengan Alat Miskroskop



Lampiran 02. Hasil dari pengujian *impact*

a. Spesimen pada Material Campuran Serat Alam (Serbuk Kayu Jati dan Getah Damar) dengan Perbandingan 40% - 60%



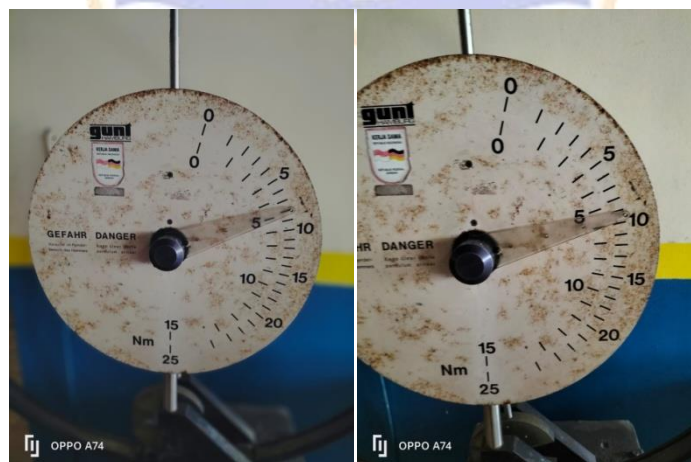
9,1

9,1



9,4

8



8

9,4



9,5



9,5



9,1



9,4



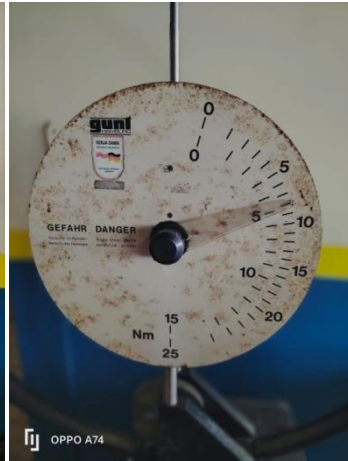
9,1



9,5



9,1



8



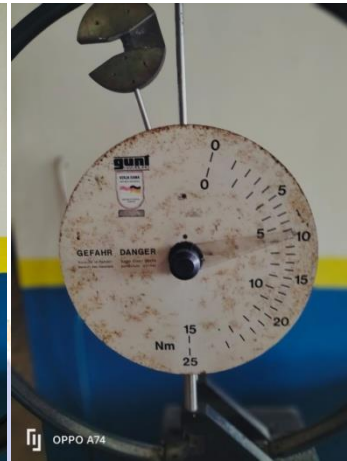
8



b. Spesimen pada Material Campuran Serat Alam (Serbuk Kayu Jati dan Getah Damar) dengan Perbandingan 50% - 50%



9,4



9,6



9,1



9,1



10,2



10,1



10,1



9,5



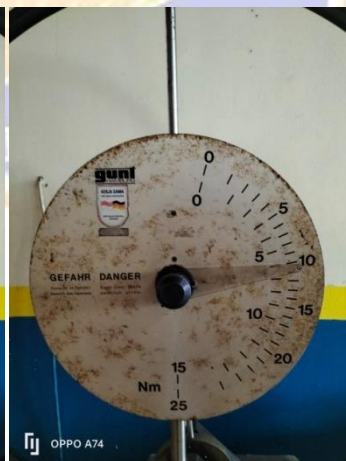
11,6



11,2



10,6



10,6



10,6



10,3



10,1



Lampiran 03. Uji Normalitas dan Uji Homogenitas menggunakan aplikasi SPSS 22

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Uji_Impact	30	100.0%	0	0.0%	30	100.0%

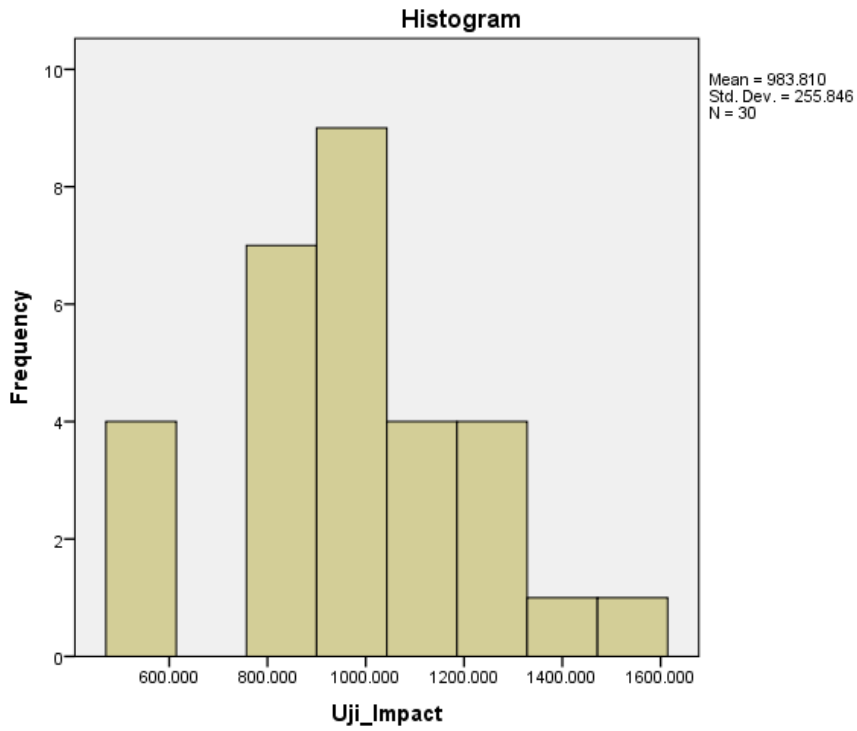
Descriptives

		Statistic	Std. Error
Uji_Impact	Mean	983.80957	46.710885
	95% Confidence Interval for Mean		
	Lower Bound	888.27508	
	Upper Bound	1079.34405	
	5% Trimmed Mean	977.77781	
	Median	957.14300	
	Variance	65457.204	
	Std. Deviation	255.846054	
	Minimum	542.857	
	Maximum	1571.429	
	Range	1028.572	
	Interquartile Range	292.857	
	Skewness	.139	.427
	Kurtosis	.155	.833

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	Df	Sig.
Uji_Impact	.177	30	.017	.940	30	.089

a. Lilliefors Significance Correction



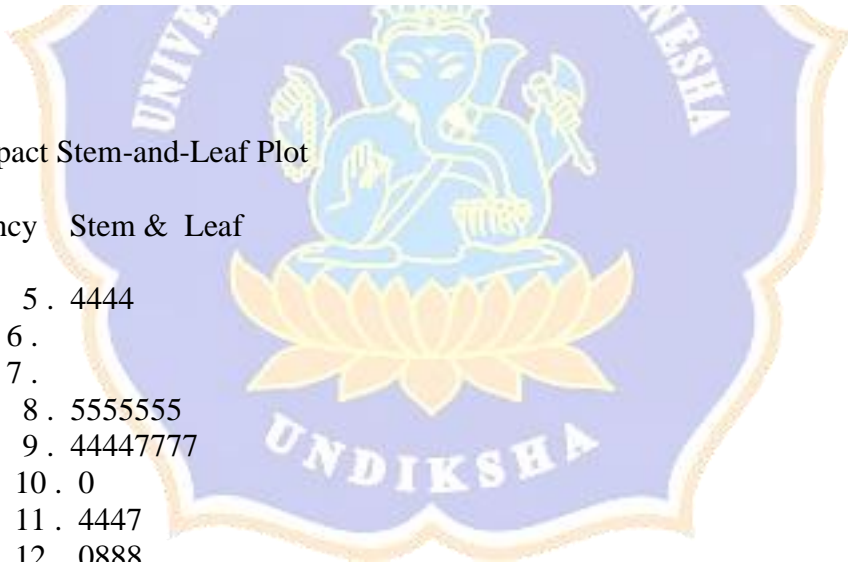
Uji_Impact Stem-and-Leaf Plot

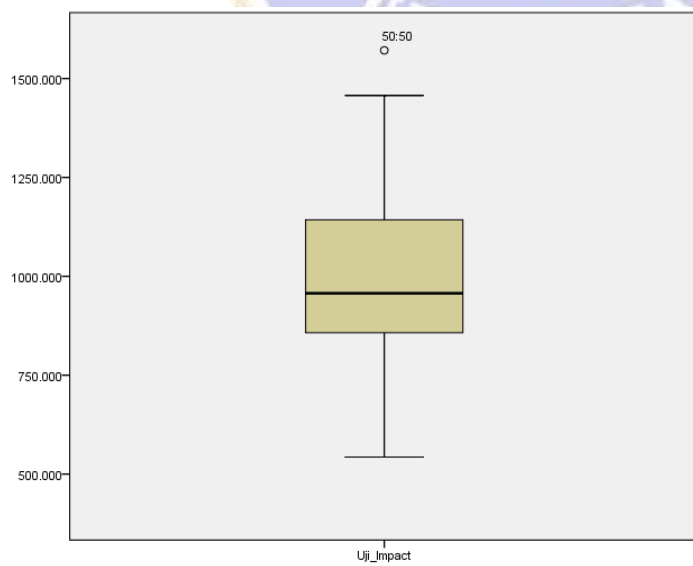
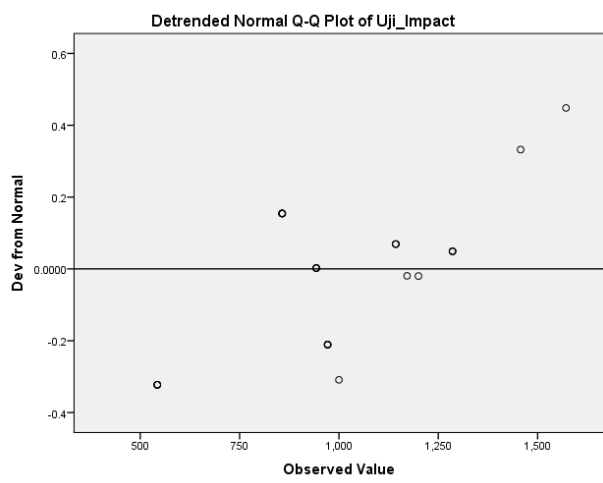
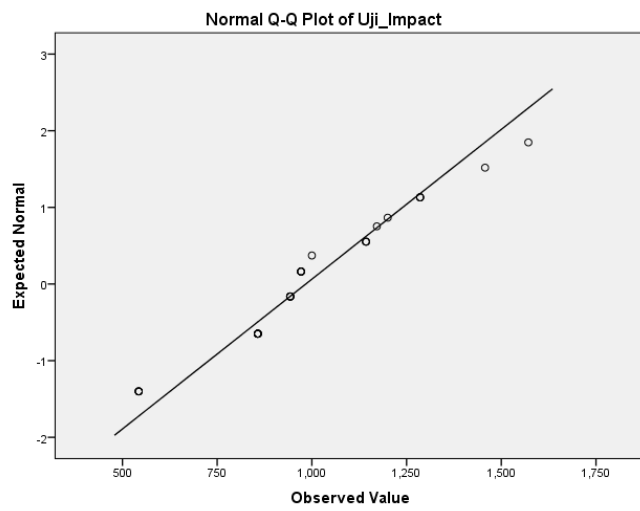
Frequency Stem & Leaf

4.00	5 . 4444
.00	6 .
.00	7 .
7.00	8 . 5555555
8.00	9 . 44447777
1.00	10 . 0
4.00	11 . 4447
4.00	12 . 0888
.00	13 .
1.00	14 . 5
1.00	Extremes (>=1571)

Stem width: 100.000

Each leaf: 1 case(s)





Test of Homogeneity of Variances

Uji_Impact

Levene Statistic	df1	df2	Sig.
.098	1	28	.756

ANOVA

Uji_Impact

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	871863.702	1	871863.702	23.784	.000
Within Groups	1026395.202	28	36656.972		
Total	1898258.904	29			

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)										
	1	2	3	4	5	6	7	8	9	10	11
1	161	199	216	225	230	234	237	239	241	242	243
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14