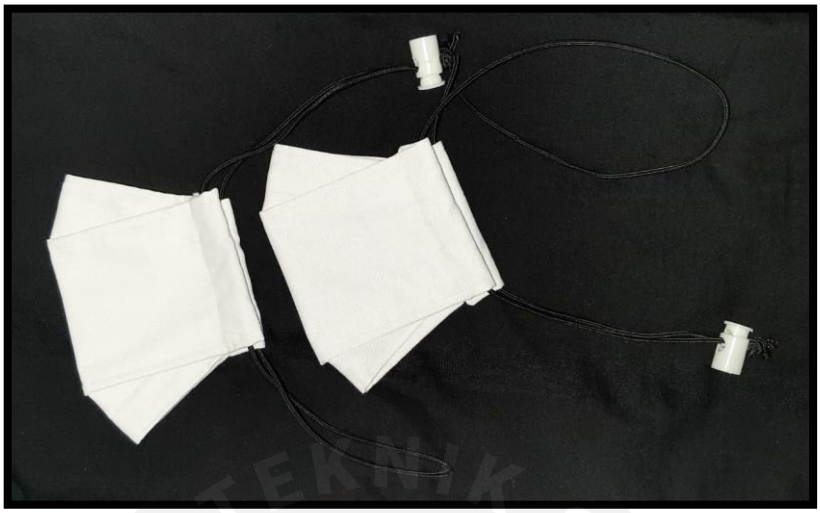
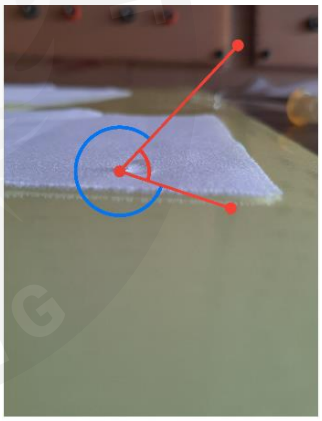
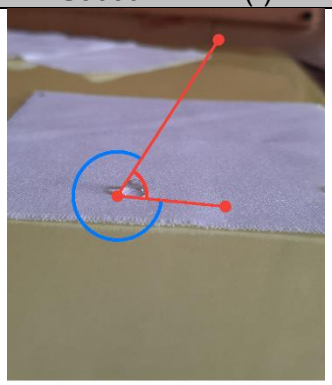
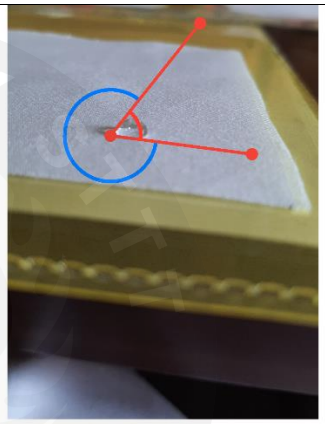
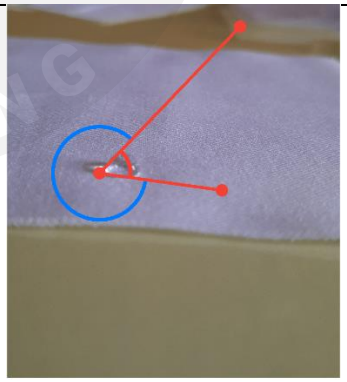
LAMPIRAN

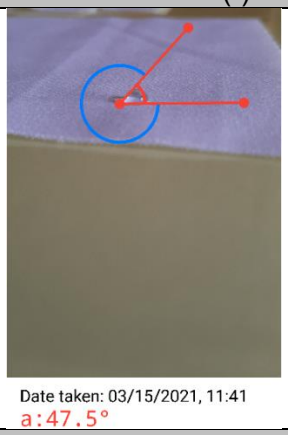
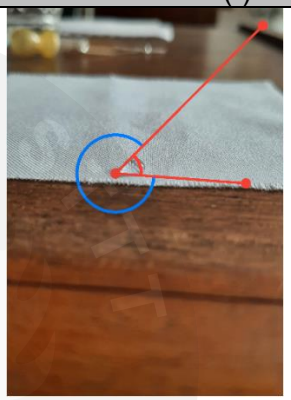
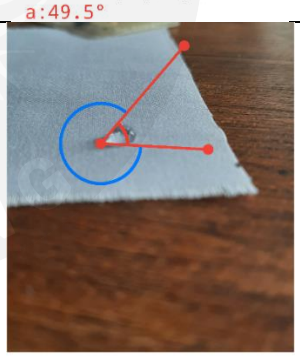
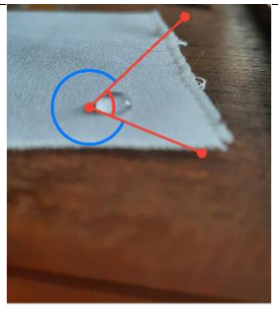
Lampiran 1 Hasil masker kain yang memiliki sifat antibakteri

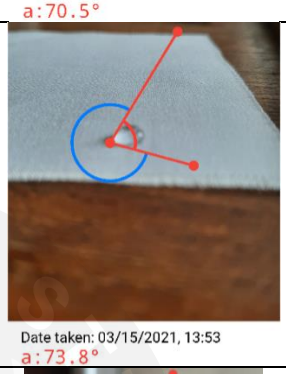
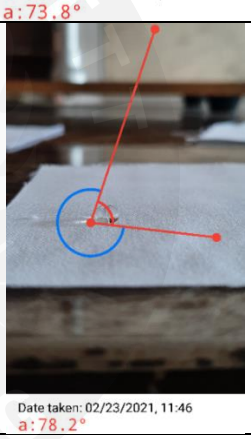


Lampiran 2 Hasil pengujian sudut kontak

Jarak Proses Plasma 4 cm	
Waktu Proses Plasma (menit)	Sudut Kontak (º)
1,5	

Jarak Proses Plasma 4 cm	
Waktu Proses Plasma (menit)	Sudut Kontak (º)
2,5	 Date taken: 03/15/2021, 11:26 a:62.7°
3,5	 Date taken: 03/15/2021, 11:30 a:58.9°
4,5	 Date taken: 03/15/2021, 11:36 a:54.1°

Jarak Proses Plasma 4 cm	
Waktu Proses Plasma (menit)	Sudut Kontak (º)
5,5	
Waktu Proses Plasma 5,5 menit	
Jarak Proses Plasma (cm)	Sudut Kontak (º)
4	
4,5	
5	

Waktu Proses Plasma 5,5 menit	
Jarak Proses Plasma (cm)	Sudut Kontak (º)
5,5	
6	
Kain Tanpa Proses Plasma	

3. Perhitungan komposisi serat

- Berat kain awal (A) = 0,0840 gram
- Berat kain akhir (B) = 0,0717 gram
- Kain yang tidak larut (poliester) $= \frac{B}{A}\ x\ 100\%$

$= \frac{0,0717}{0,0840}\ x\ 100\%$

= 85,35 %

= 85 %

- Kain yang larut (kapas) = 100% - kain yang tidak larut

= 100% - 85,35%

= 14,65 %

= 15 %

4. Perhitungan Gramasi Kain

1. Berat kain per m^2

- Cara penimbangan = $\frac{100\ x\ 100}{10\ x\ 10}$ x B. gram

= $\frac{100\ x\ 100}{10\ x\ 10}$ x 1, 5279 gram

= 152,79 gram

- Cara perhitungan

- Lusi = $\frac{\bar{x}\ tetal\ x\ 100\ x\ 100}{Nm\ lusi\ x\ 100}$ X $\frac{100}{(100-mengkeret\ lusi)}$

= $\frac{3858\ x\ 100\ x\ 100}{45{,}33\ x\ 100}$ X $\frac{100}{(100-1{,}96)}$

= $\frac{38{,}58}{45{,}33}$ X $\frac{100}{98{,}04}$

= 85,11 x 1,019

= 86,72 gram

- Pakan = $\frac{\bar{x}\ tetal\ x\ 100\ x\ 100}{Nm\ pakan\ x\ 100}$ X $\frac{100}{(100-mengkeret\ pakan)}$

= $\frac{32{,}12\ x\ 100\ x\ 100}{51{,}09\ x\ 100}$ X $\frac{100}{(100-2{,}26)}$

= $\frac{3212}{51{,}09}$ X $\frac{100}{97{,}38}$

= 62,86 x 1,026

= 64,55 gram

2. Selisih = $\frac{BB-BK}{BB}$ x 100%

= $\frac{152{,}79-151{,}27}{152{,}79}$ x 100%

= 0,99%

= 1%