



Resume

Freygieon Ogiek Rizal Sukma

BRAWIJAYA UNIVERSITY, Bachelor of Physics

Place, Date of Birth: Lamongan, 05 September 1997

Email: freygieon.ogiek@gmail.com

Phone: 085806612366

Address: Jelakcatur Village, Kalitengah Sub-district, Lamongan Regency

Linkedin: https://www.linkedin.com/in/freygieon-ogiek-199275176/

EDUCATION

BRAWIJAYA UNIVERSITY, Bachelor of Physics (September 2015 - Desember 2019)

- Faculty of Mathematics and Science - Department & Study Program: Physics, GPA of 3.39
- Earned PPA scholarships in 2017 - 2018

SMAN 2 LAMONGAN (Senior High School) (June 2012 - April 2018)

- Science Department

ORGANIZATION EXPERIENCE

Head of PUSKOMINFO (Communication and Information Center)

BEM (Executive Council of Student) (February 2018 - November 2018)

- Led a team of 10 to managed and operated the organization's social media (Line@, Instagram, Youtube, and Website)
- Designed, implemented, and analyzed the organizational branding strategy
- Performed poster design courses to staff.

Head of PTKP (College and Youth Division)

HMI (Association of Islamic Students) (February 2018 - March 2019)

- Developed a strategic methodology to recruited cadres members and coordinated all related activities, the number of cadres recruited increased 43% from the previous period's management
- Launched and organized study groups for each discipline to improved cadres academic abilities
- Consolidated and collaborated with other organizations in humanitarian action activities

Advisory Board

RITMA (Student Research) (February 2018 - November 2018)

- Guided, advised, and evaluated the performance of the organization's management in one period of management

Public Relations Staff

BEM (Executive Council of Student) (February 2017 - November 2017)

- Led and scheduled public relations meetings of the 13 student sovereign organizations within the faculty
- Mediated the conflicting activities between of 13 student sovereign organizations

Research and Development Staff

RITMA (Student Research) (February 2016 - November 2016)

- Headed of Faculty Essay Contest

WORK/INTERNSHIP EXPERIENCE

STUNTING COMMUNICATION BOOK PROJECT

KOMINFO RI (Agustus 2020 - September 2020)

- Arranged the layout of the book and designed the cover

Student Intern

LPP RRI (Radio of Republic Indonesia) (March 2019 - April 2019)

- Monitored and reported the performance radio transmitting devices to field lectures
- Troubleshoot electrical problems

Lab Assistant

Department of Physics Brawijaya University (January 2018 - May 2018)

- Guided the practitioner to did practicum for fundamental physics practicum
- Calculated and reported the final grade to the lecturer

LANGUAGES

- Indonesian
Full Professional Proficiency
- English
Toefl Score 423 (Toefl ITP BLC UB)
Full Professional Proficiency

CERTIFICATION & COURSE

- Digital Marketing in Action, Course by Baba Studio (February 2019)
- Microsoft Office Desktop Application, Certification by Trust Partner Excellent Grade (September 2020)

COMPUTER LITERACY

- Microsoft Office
 - Word
 - Excel
 - PowerPoint
- Design & Videography
 - Adobe Photoshop
 - Corel Draw
 - Sony Vegas
 - Adobe After Effect
- Programming
 - PHP
 - HTML & CSS
 - MySQL

ACHIEVEMENT/AWARD

- PMW (Student Entrepreneurship Program) 2017
Passed Funding- Brawijaya University
- 3rd International Art Creativity Engineering Exhibition 2017
Gold Medal, Grand award from Kinews (Korea Invention News) and KIA (Korea Invention Academy)- International
- Young International Innovation Exhibition (YIIX) 2017
Bronze medal-International
- The 3rd International Young Inventors Award (IYIA) 2016
Silver Prize – International



Nomor : 150463/UB/S1/2019

UNIVERSITAS BRAWIJAYA

Keputusan Menteri PTIP No. 1 tahun 1963 tanggal 5 Januari 1963; Keputusan Presiden RI No. 196 tahun 1963 tanggal 23 September 1963

Menyatakan bahwa

certifies that

Freygieon Ogiek Rizal Sukma

Nomor Induk Mahasiswa : 155090301111026

Student Number

Tempat dan tanggal lahir : Lamongan, 05 September 1997

Place and date of birth : Lamongan, September 05, 1997

telah menyelesaikan dan memenuhi segala syarat pendidikan Program Sarjana pada

has completed and fulfilled all requirements for the Undergraduate Program at

Fakultas Matematika dan Ilmu Pengetahuan Alam

Faculty of Mathematics and Natural Sciences

Program Studi : Fisika

in the field of Physics

sehingga kepadanya diberikan ijazah serta gelar

thereby is awarded the degree of

Sarjana Sains (S.Si.)

Four-year Undergraduate Degree in Science

dengan segala hak dan kewajiban yang melekat pada gelar tersebut.

with all the privileges and obligations belonging thereto.

Ditetapkan dan diterbitkan di Malang pada tanggal 23 Desember 2019.

Given under the common seal of Universitas Brawijaya at Malang on December 23, 2019.

Dekan,
Dean,

Prof. Drs. Adi Susilo, M.Si., Ph.D.
NIP. 196312271991031002



Rektor,
Rector,

Prof. Dr. Ir. Nuhfil Hanani AR., MS.
NIP. 195811281983031005



UNIVERSITAS BRAWIJAYA

Keputusan Menteri PTIP No. 1 tahun 1963 tanggal 5 Januari 1963
Keputusan Presiden RI No. 196 tahun 1963 tanggal 23 September 1963

TRANSKRIP AKADEMIK ACADEMIC TRANSCRIPT

NO : 150463/UB/S1/2019

NAMA : Freygieon Ogiek Rizal Sukma
Name
NOMOR INDUK : 155090301111026
Student Number
TEMPAT/TGL. LAHIR : Lamongan, 05 September 1997
Place/Date of Birth : Lamongan, September 05, 1997
TAHUN MASUK : 2015/2016
Year of Enrollment

FAKULTAS : Matematika & IPA
Faculty : Mathematics and Natural Sciences
PROGRAM STUDI : Fisika
Study Program : Physics
JENJANG PENDIDIKAN : Sarjana
Level of Education : Four-year Undergraduate Program
TANGGAL LULUS : 23 Desember 2019
Date of Completion : December 23, 2019

NO No	KODE Code	MATA KULIAH Course Subjects	SKS x NILAI Credit x Grade	NO No	KODE Code	MATA KULIAH Course Subjects	SKS x NILAI Credit x Grade
1	MAP4162	Analisis Material Material Analysis	3 B+ 10.5	24	MAP4108	Fisika Modern Modern Physics	3 C+ 7.5
2	UNG4008	Bahasa Indonesia Indonesian Language	3 B 9	25	MAP4066	Fisika Plasma Plasma Physics	3 B 9
3	UBU4004	Bahasa Inggris English	3 B+ 10.5	26	MAP4164	Fisika Polimer Polymer Physics	3 A 12
4	MAB4108	Biologi Dasar Fundamental Biology	2 A 8	27	MAP4112	Fisika Statistik Statistical Physics	4 A 16
5	MAP4063	Eksperimen Material Material Labworks	2 A 8	28	MAP4215	Fisika Zat Padat Solid State Physics	3 A 12
6	MAP4226	Elektrodinamika Electrodynamics	3 C+ 7.5	29	MAP4128	Gelombang Waves	3 B 9
7	MAE4201	Elektronika Dasar I Fundamental Electronics I	2 B 6	30	UBU4005	Kewirausahaan Entrepreneurship	3 A 12
8	MAE4106	Elektronika Dasar II Fundamental Electronics II	2 B 6	31	MAK4101	Kimia Dasar Fundamental Chemistry	2 A 8
9	MAP4125	Fisika Eksperimen I Experimental Physics I	2 B+ 7	32	MAP4265	Komposit dan Keramik Ceramic & Composite	3 B+ 10.5
10	MAP4227	Fisika Eksperimen II Experimental Physics II	2 B 6	33	UBU4002	Kuliah Kerja Nyata Participatory Community Development	3 A 12
11	MAP4101	Fisika I Physics I	3 C+ 7.5	34	MAP4103	Listrik Magnet Electricity and Magnetism	3 B+ 10.5
12	MAP4203	Fisika II Physics II	3 B 9	35	MAM4180	Matematika Dasar Fundamental Mathematics	3 B+ 10.5
13	MAP4217	Fisika Inti Nuclear Physics	3 B+ 10.5	36	MAP4261	Material Fungsional Functional Material	3 B 9
14	MAP4113	Fisika Komputasi Computational Physics	3 B 9	37	MAP4202	Mekanika Mechanics	3 C+ 7.5
15	MAP4216	Fisika Kuantum Quantum Physics	4 C 8	38	MAP4117	Mekanika Lanjut Advanced Mechanics	2 A 8
16	MAP4116	Fisika Lingkungan I Environmental Physics I	3 B+ 10.5	39	MAP4123	Metode Penelitian dan TPI Research and Scientific Writing Method	2 B+ 7
17	MAP4213	Fisika Lingkungan II Environmental Physics II	2 B+ 7	40	MAP4118	Metode Pengukuran Fisika Physics Measurement Method	2 A 8
18	MAP4220	Fisika Matematika I Mathematical Physics I	3 B 9	41	MAP4225	Optika Optics	3 A 12
19	MAP4121	Fisika Matematika II Mathematical Physics II	3 B 9	42	UNG4001	Pendidikan Agama Islam Islamic Education	3 A 12
20	MAP4223	Fisika Matematika III Mathematical Physics III	3 B+ 10.5	43	UNG4007	Pendidikan Kewarganegaraan Citizenship Education	3 B 9
21	MAP4161	Fisika Material Material Physics	3 B 9	44	UBU60002	Praktek kerja Lapangan (PKL) Internship	2 A 8
22	MAP4224	Fisika Medis I Medical Physics I	2 A 8	45	MAB4109	Praktikum Biologi Dasar Fundamental Biology Labworks	1 B 3
23	MAP4124	Fisika Medis II Medical Physics II	2 A 8	46	MAE4202	Praktikum Elektronika Dasar I Fundamental Electronics Labworks	1 B+ 3.5

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Keputusan Presiden RI No. 196 tahun 1963 tanggal 23 September 1963

47	MAE4107	Praktikum Elektronika Dasar II <i>Electronics II Labworks</i>	1	B+	3.5	52	MAP4264	Semikonduktor <i>Semiconductor</i>	3	B	9
48	MAP4102	Praktikum Fisika I <i>Physics I Labworks</i>	1	B+	3.5	53	UBU60001	Skripsi <i>Final Project</i>	6	A	24
49	MAP4204	Praktikum Fisika II <i>Physics II Labworks</i>	1	B+	3.5	54	MAP4165	Teknologi Lapisan Tipis <i>Thin Film Technology</i>	3	B+	10.5
50	MAP4114	Praktikum Fisika Komputasi <i>Computational Physics Labworks</i>	1	B+	3.5	55	MAP4262	Teknologi Material <i>Material Technology</i>	3	B+	10.5
51	MAK4102	Praktikum Kimia Dasar <i>Fundamental Chemistry Labwork</i>	1	B+	3.5	56	MAP4210	Termodinamika <i>Thermodynamics</i>	3	B+	10.5

JUDUL SKRIPSI : Pengaruh Keadaan Pengisian (State of Charge) terhadap Efisiensi dan Struktur Mikro Elektroda Baterai Dinamis Asam Timbal Tiga Sel

Title of Undergraduate Thesis: Influence The State of Charging (State of Charge) on The Efficiency and Structure Micro The Electrodes of Battery Dinamyc Lead Acid Three Cells

JUMLAH SKS : 145
Total Credits
IPK : 3.39
Cumulative GPA

DEKAN,
Dean,

Prof. Drs. Adi Susilo, M.Si., Ph.D.
NIP. 196312271991031002



JUMLAH SKS X NILAI : 491.5

Total Credits x Grade

PREDIKAT KELULUSAN: Sangat Memuaskan

Graduate Predicate : Very Satisfactory

Malang, 23 Desember 2019

REKTOR,

Rector,



Prof. Dr. Ir. Nuhul Hanani AR., MS.
NIP. 1958112841983031005

CERTIFICATE OF ACHIEVEMENT

TRUST TRAINING PARTNERS

This Certificate accredits that

FREYGIEON OGIEK RIZAL SUKMA

on February 15, 2019

has successfully achieved all the requirements of the following professional competency training and assessment titled:

MICROSOFT OFFICE DESKTOP APPLICATION

as developed in accordance to the highest standard as prescribed by **TRUST TRAINING PARTNERS**.

Microsoft



Microsoft Partner

Silver Learning
Silver Volume Licensing

Microsoft Learning Partner

In Partnership with



Melvin Oet

MELVIN OET, ACCREDITED
CHIEF INNOVATION OFFICER

Code: TTP-001-19-000000000000

CERTIFICATE of Completion

is presented to

FREYGIEON OGIEK RIZAL SUKMA

Course

Digital Marketing In Action

Authorized code

04092020-53091-KP-BABA

Completion Date

05-09-2020

Course Content Provider

Issued by

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Siti Rohmah
Director of bobastudio.com

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A & C CONSULTING & TRAINING



KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI
UNIVERSITAS BRAWIJAYA

FAKULTAS MIPA-JURUSAN FISIKA

Jl. Veteran, Malang 65145, Jawa Timur, Indonesia, Telp. (0341)575833, Fax. (0341)575834
<http://fisika.ub.ac.id> email: fisika@ub.ac.id

SERTIFIKAT

PENGHARGAAN

Diberikan kepada:

Freygieon Ogiek Rizal

Sebagai:

Asisten Praktikum

dalam Praktikum Fisika Dasar II, pada Semester Genap Tahun Ajaran 2017/2018
di Laboratorium Fisika Dasar, Jurusan Fisika, Fakultas Matematika dan
Ilmu Pengetahuan Alam, Universitas Brawijaya.

Ketua Jurusan Fisika

Prof. Dr. rer. nat. Muhammad Nurhuda
NIP. 196409101990021001

Malang, 21 Mei 2018
Kepala Laboratorium Fisika Dasar

Dr. rer. nat. Abdurrouf, S.Si, M.Si.
NIP. 1197209031994121001



3RD INTERNATIONAL ART CREATIVITY ENGINEERING EXHIBITION 2017

RECYCLING ART COMPETITION, CREATIVITY AND INNOVATION COMPETITION
ROBOTIC COMPETITION, ENGINEERING TECHNOLOGY COMPETITION

GOLD MEDAL

FREYGIEON OGIEK RIZAL SUKMA
HERMIN | DAMAN BUDI PRIYANTO

SEMALAM GROGY

(Smart Street Lamps with Ground Thermoelectric Technology)

Banda Aceh, Indonesia 28th - 29th April 2017

Rector of Universitas Ubudiyah Indonesia,

(Prof. Adjunct UnIMAPI Marniati, SE, M. Kes)

From International Special Awards :





GRAND AWARD

Presented to

PRUYGILON OGIEK RIZAL SURIKA
HERATIN
DAMAN BUDI PRIYANTO

*In honor and recognition of the most exceptional
creativity and innovative idea expressed by the invention*

SEMALAM GROCV (SMART STREET LAMPS WITH GROUND
THERMOELECTRIC TECHNOLOGY)

exhibited at



*The 3rd International Art, Creativity
& Engineering Exhibition (I+ACEH 2017)
27-28 April 2017 in Banda Aceh, Indonesia*



President HONG, SOUNG-MO
한국발명신문
KOREA INVENTION NEWS



한국발명아카데미
Korea Invention Academy

GRAND AWARD

Presented to

PRUYGILON OGIEK RIZAL SURIKA
HERATIN
DAMAN BUDI PRIYANTO

*In honor and recognition of the most exceptional
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SEMALAM GROCV (SMART STREET LAMPS WITH GROUND
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27-28 April 2017 in Banda Aceh, Indonesia*



Dean HONG, SOUNG-MO
한국발명아카데미





YOUNG INTERNATIONAL INNOVATION
EXHIBITION 2017



YANG DIPTUNGSAH
UNIVERSITI
TEKNOLOGI
MARA

Certificate of Award

BRONZE

This certificate is presented to

SITI MARIYAH ULFA (A)
FREYGEON OGIEK RIZAL SUKMA
AMILLA SAFIRA PUTRI
DAVID GALIH RAGA SIWI

for the innovation of

Batang Seteddy: Battery From Ketupang Seeds
(Terminalia catappa) for Friendly Energy

YOUNG INTERNATIONAL INNOVATION EXHIBITION 2017 (YIX 2017)
21st - 22nd August 2017

BIGUAMDA HALL
UTM NEGERI SEMBILAN BRANCH,
REMBAU CAMPUS,
NEGERI SEMBILAN

PROFESSOR DR. MASRUDDIN MOHAMMED
RECTOR,
UTM NEGERI SEMBILAN BRANCH,
MALAYSIA

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UNIVERSITI
TEKNOLOGI
MARA



MAMPU
PERWAKILAN
PELAKAR
2016/2017
NEGERI SEMBILAN, AS

Organized by



IYIA 2016
The 3rd International Young Inventors Award

Silver Prize

This is to certify that

Fahmi Al Aziz, Winda Ariyanti, Freygeon Ogiek Rizal Sukma

For the invention

CASHEL (Cocoe Shell Biopellet) Fuel Practically to Overcome The Energy Crisis

Has participated

At The 3rd International Young Inventors Award

Held on September 6th - 8th, 2016

Sumbaya Convention Hall, Indonesia

Postepor
Alireza Rastegar
President of IYIA

W. H. H.
Hishah Huda-Sling
President of WIIPYA

E. H. H.
Eriktha Isahak Pratiwi
President of INNOPA
Chief Commissee of IYIA 2016

Official Event
IYIA Quifa

Organized by
INNOPA



SERTIFIKAT

Diberikan kepada :

FREYGIEON OGIEK RIZAL SUKMA + ANGGOTA

Dengan Judul

**KINCLONG: Inovasi Jasa Layanan Cuci Motor Berbasis Online Dan
Aplikasi Android**

**PESERTA PELATIHAN BISNIS
BAGI PROGRAM MAHASISWA WIRAUSAHA 2017
UNIVERSITAS BRAWIJAYA
24 MEI 2017**



Prof. Dr. Ir. Arief Prajitno, MS
Wakil Rektor Bidang Kemahasiswaan

Dr. Drs. Fatchur Rohman, M.Si
Ketua Pelaksana PMW - UB



KEMENTERIAN RISET TEKNOLOGI DAN PENDIDIKAN TINGGI
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
UNIVERSITAS BRAWIJAYA

Jl. Veteran Telp. (0341) 554403 Fax. (0341) 554403 Malang 65145

Sertifikat

Nomor : 024/ D-6/RITMA-FMIPA/VIII/2016

Diberikan kepada :

FREYGIEON OGIEK RIZAL SUKMA

Sebagai

Staff Divisi RND

Atas Partisipasi Aktif dalam Kepengurusan Lembaga Otonomi Fakultas Riset dan Keilmiah Mipa
Tahun Akademik 2015/2016

Mengetahui,

Wakil Dekan III FMIPA UB

Darjito, S.Si, M.Si

NIP. 19700708199503 1 001

Direktur LOF RITMA

Wildan Ichsan Sabila

NIM. 135090700111009