



RIZKY MOHAMMAD FITRIANTO

Bandung, West Java, 40121 | +62 878-2811-6937 | rizkymuhamadfitrianto22@gmail.com | <https://www.linkedin.com/in/rizky-mohammad-fitrianto-55175826b/>

Bachelor's degree in Mechanical Engineering from the National Institute of Technology Bandung. Throughout my academic journey, I have been actively involved in various organizations and have gained valuable internship experience as a Production Engineer. In this role, I was responsible for production planning, analyzing manufacturing processes, conducting product quality control, and creating technical drawings for manufacturing purposes. I am proficient in Microsoft Office (Word, Excel, PowerPoint, and Visio), SolidWorks, Arduino IDE, and Fritzing. My internship and organizational experiences have cultivated a strong passion for continuous learning, sharpened my time management skills, and enhanced my adaptability. I am enthusiastic about pursuing a career in mechanical engineering-related fields and am also open to exploring other professional opportunities.

EDUCATION

Bachelor's of Mechanical Engineering, GPA: 2.99/4.00	2018 - 2023
National Institute of Technology – Bandung, West Java	

WORK EXPERIENCE/INTERNSHIP

Internship Production Engineer	December 2021 – May 2022
PT. Taufik Jaya Teknik (Manufacture) – Bandung, West Java	
<ul style="list-style-type: none">Conducting a production process analysis of a product being madePlan the production process for the product.Create technical drawings for the product to be manufactured.Conduct quality control for the produced product.	
Internship Production Engineer	September - November 2021
PT. Mitra Kreasi Surya Gemilang (Manufacture) – Bandung, West Java	
<ul style="list-style-type: none">Conducting a production process analysis of a product being madeCreate technical drawings for the product to be manufactured.Conduct quality control for the produced product.	

ORGANIZATIONAL EXPERIENCE

Member	September 2018 - September 2023
Mechanical Engineering Student Association, ITENAS	
<ul style="list-style-type: none">Implement work programs within the organization related to both academic and non-academic activities.Organize activities related to mechanical engineering to meet community needs, such as engine tune-ups, vehicle emission testing, and community service initiatives.	
Member	June 2017 - November 2018
Kaskus Thailand Racing Look Bandung	
<ul style="list-style-type: none">Share information about motorcycle maintenance, modifications, spare parts, and the latest technology in the automotive world.Facilitate gatherings motorcycle modification enthusiasts with a Thai concept for.	

TRAINING

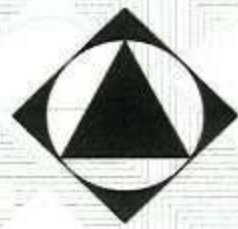
- Training "Basic Microsoft Excel: General Office Staff" - LPK Vistama Comtech, March 26, 2024
- Training "Work Risk Control for K3 Experts" - Devicourse, June 19, 2024

SKILLS

- Microsoft Office (Word,PowerPoint,Excel,Visio)
- Arduino IDE
- Fritzing
- SolidWorks

LANGUAGE SKILLS

- **Indonesia** : Fluent (Active)
- **English** : Intermediate (Passive)



Institut Teknologi Nasional

SK Menteri Pendidikan dan Kebudayaan Republik Indonesia No. 0180/0/1985 tanggal 20 April 1985

menyatakan bahwa

RIZKY MOHAMMAD FITRIANTO

(12-2018-050)

Lahir di Bandung, pada tanggal 8 Januari 2000 / Nomor Induk Kependudukan (NIK) : 3273140801000004

Telah memenuhi semua persyaratan dan dinyatakan lulus program pendidikan Sarjana tanggal 6 September 2023

Pada Program Studi **TEKNIK MESIN**

(Status TERAKREDITASI A berdasarkan Surat Keputusan Badan Akreditasi Nasional

Nomor: 705/SK/BAN-PT/Akred/S/IV/2019 tanggal 9 April 2019)

Kepadanya diberikan gelar

SARJANA TEKNIK (S.T.)

Beserta semua hak dan kewajiban yang melekat pada gelar tersebut

Diterbitkan di Bandung, pada tanggal 6 September 2023

*Dekan,
Fakultas Teknologi Industri*

Jono Suhartono, S.T., M.T., Ph.D.



Rektor,

Prof. Meilinda Nurbanasari, S.T., M.T., Ph.D.



INSTITUT TEKNOLOGI NASIONAL

SK Mendikbud: 0180/0/1985 tanggal 20 April 1985

TRANSKRIP

Nilai
A = 4,00 Sangat baik
AB = 3,50 Antara sangat baik dan baik
B = 3,00 Baik
BC = 2,50 Cukup baik
C = 2,00 Cukup
D = 1,00 Kurang
E = 0 Gagal

N.I.M. : 12-2018-050

N a m a : RIZKY MOHAMMAD FITRIANTO

Tempat/Tgl.Lahir : BANDUNG, 8 Januari 2000

Fakultas : TEKNOLOGI INDUSTRI

Program Studi : TEKNIK MESIN

Nomor Transkrip : 0988/TA/6.1.12/ITENAS/IX/2023

MATAKULIAH	Sks	NILAI
MSA-101 BAHASA INGGRIS I	2	AB
MSA-102 BAHASA INGGRIS II	2	B
MSA-103 PANCASILA	2	A
MSA-104 BAHASA INDONESIA	2	B
MSA-105 KALKULUS	3	BC
MSA-106 KEWARGANEGARAAN	2	A
MSA-107 FISIKA TEKNIK MESIN I	3	B
MSA-108 MATEMATIKA TEKNIK	3	BC
MSA-109 KIMIA TERAPAN	2	AB
MSA-110 FISIKA TEKNIK MESIN II	2	A
MSA-111 MATERIAL TEKNIK	3	B
MSA-112 METALURGI FISIK	3	AB
MSA-113 MENGGAMBAR MESIN	3	BC
MSA-114 PENGUJIAN FISIKA TEKNIK MESIN	1	B
MSA-116 GAMBAR MESIN BERBASIS KOMPUTER	2	AB
MSA-201 ALJABAR LINIER	3	C
MSA-202 AGAMA	2	BC
MSA-203 METODA NUMERIK	2	C
MSA-204 STATISTIKA & PROBABILITAS	2	BC
MSA-205 TERMODINAMIKA TEKNIK I	3	B
MSA-206 TERMODINAMIKA TEKNIK II	2	AB
MSA-207 STATIKA STRUKTUR	3	BC
MSA-208 MEKANIKA FLUIDA I	3	BC
MSA-209 KINEMATIKA	2	B
MSA-210 MEKANIKA KEKUATAN MATERIAL	3	C
MSA-211 PROSES-PROSES MANUFAKTUR I	3	BC
MSA-212 DINAMIKA TEKNIK	3	AB
MSA-213 PENGUKURAN TEKNIK	2	BC
MSA-214 PROSES-PROSES MANUFAKTUR II	3	B
MSA-215 PENGUJIAN MATERIAL TEKNIK	1	C
MSA-216 PROYEK MANUFAKTUR	1	B
MSA-301 PENGENALAN PERANGKAT LUNAK TEKNIK MESIN	3	A
MSA-302 PERPINDAHAN PANAS II	2	A
MSA-303 PERPINDAHAN PANAS I	3	C
MSA-304 MESIN FLUIDA	3	B
MSA-305 MEKANIKA FLUIDA II	2	BC
MSA-306 ELEMEN MESIN II	3	C
MSA-307 GETARAN MEKANIK	2	C
MSA-308 TEKNIK TENAGA LISTRIK	2	AB
MSA-309 ELEMEN MESIN I	3	B

MATAKULIAH	Sks	NILAI
MSA-310 TEKNIK PENGATURAN	2	B
MSA-311 PEMILIHAN BAHAN DAN PROSES	2	AB
MSA-312 HIDROLIK DAN PNEUMATIK	2	BC
MSA-313 METROLOGI INDUSTRI	3	C
MSA-314 PERANCANGAN ELEMEN MESIN I	1	BC
MSA-315 PENGUKURAN GEOMETRI	1	B
MSA-316 FENOMENA DASAR MESIN	1	C
MSA-318 PENGUJIAN HIDROLIK DAN PNEUMATIK	1	C
MSA-402 KEWIRAUSAHAAN	2	A
MSA-403 PERANCANGAN SISTEM MEKANIKAL	2	B
MSA-404 MANAJEMEN PERAWATAN MESIN	2	B
MSA-405 MEKATRONIKA	2	A
MSA-409 PERANCANGAN ELEMEN MESIN II	1	C
MSA-411 PRESTASI MESIN	1	B
MSA-452 PROSES PENGECORAN	3	A
MSA-453 PROSES PENGELASAN	3	AB
MSA-454 MESIN PERKAKAS	3	B
MSA-490 PRAKTIK KERJA	2	A
MSA-499 APLIKASI TEKNIK MESIN PADA MASYARAKAT	2	B
MSB-402 TEKNOLOGI ENERGI BARU & TERBARUKAN	2	BC
MSB-404 MANAJEMEN LINGKUNGAN	2	AB
MSB-465 TEKNIK KEHANDALAN	3	B
MSB-500 TUGAS AKHIR	5	A

Judul Skripsi :
RANCANG BANGUN ALAT PENDETEKSI
KELEMBABAN TANAH BERBASIS INTERNET OF THINGS

Lulus Program Sarjana Tanggal 6 September 2023

Jumlah SKS Diperoleh : 144

Indeks Prestasi : 2,99

Predikat Kelulusan : Memuaskan

Dekan,

Jono Suhartono, S.T., M.T., Ph.D.



Bandung, 16 Oktober 2023

Rektor,

itenas

INSTITUT TEKNOLOGI NASIONAL

Prof. Meilinda Nurbanasari, S.T., M.T., Ph.D.



INSTITUT TEKNOLOGI NASIONAL

SK Mendikbud: 0180/0/1985 dated April 20, 1985

ACADEMIC RECORD

Student I.D. : 12-2018-050

Name : RIZKY MOHAMMAD FITRIANTO

Place & date of birth : BANDUNG, 8 January 2000

Faculty : INDUSTRIAL TECHNOLOGY

Study Program : MECHANICAL ENGINEERING

Transcript Number : 0988/TA/6.1.12/ITENAS/IX/2023

Grade

A = 4,00 Outstanding

AB = 3,50 Excellent

B = 3,00 Very Good

BC = 2,50 Good

C = 2,00 Fair

D = 1,00 Below Average

E = 0 Failed

COURSE DESCRIPTION	CREDIT	GRADE
MSA-101 ENGLISH I	2	AB
MSA-102 ENGLISH II	2	B
MSA-103 PANCASILA	2	A
MSA-104 BAHASA INDONESIA	2	B
MSA-105 CALCULUS	3	BC
MSA-106 CIVIC	2	A
MSA-107 PHYSICS OF MECHANICAL ENGINEERING I	3	B
MSA-108 ENGINEERING MATHEMATICS	3	BC
MSA-109 APPLIED CHEMISTRY	2	AB
MSA-110 PHYSICS OF MECHANICAL ENGINEERING II	2	A
MSA-111 ENGINEERING MATERIALS	3	B
MSA-112 PHYSICAL METALLURGY	3	AB
MSA-113 MECHANICAL DRAWING	3	BC
MSA-114 MECHANICAL ENGINEERING PHYSICS TESTING	1	B
MSA-116 COMPUTER AIDED DRAWING	2	AB
MSA-201 LINIER ALGEBRA	3	C
MSA-202 RELIGION	2	BC
MSA-203 NUMERICAL METHODS	2	C
MSA-204 STATISTICS & PROBABILITY	2	BC
MSA-205 ENGINEERING THERMODYNAMICS I	3	B
MSA-206 ENGINEERING THERMODYNAMICS II	2	AB
MSA-207 ENGINEERING STATICS	3	BC
MSA-208 FLUID MECHANICS I	3	BC
MSA-209 KINEMATICS	2	B
MSA-210 STRENGTH OH MATERIAL	3	C
MSA-211 MANUFACTURING PROCESSES I	3	BC
MSA-212 ENGINEERING DYNAMICS	3	AB
MSA-213 ENGINEERING MEASUREMENT	2	BC
MSA-214 MANUFACTURING PROCESSES II	3	B
MSA-215 TECHNICAL MATERIALS TESTING	1	C
MSA-216 MANUFACTURING PROJECT	1	B
MSA-301 INTRO TO MECHANICAL ENGINEERING SOFTWARE	3	A
MSA-302 HEAT TRANSFER II	2	A
MSA-303 HEAT TRANSFER I	3	C
MSA-304 FLUID MACHINERIES	3	B
MSA-305 FLUID MECHANICS II	2	BC
MSA-306 MACHINE ELEMENTS II	3	C
MSA-307 MECHANICAL ELEMENTS I	2	C
MSA-308 ELECTRICAL POWER ENGINEERING	2	AB
MSA-309 MACHINE ELEMENTS I	3	B

COURSE DESCRIPTION	CREDIT	GRADE
MSA-310 ENGINEERING CONTROLS	2	B
MSA-311 SELECTING MATERIAL AND PROCESS	2	AB
MSA-312 HYDRAULICS & PNEUMATICS	2	BC
MSA-313 INDUSTRIAL METROLOGY	3	C
MSA-314 MACHINE ELEMENTS DESIGN I	1	BC
MSA-315 GEOMETRY MEASUREMENT	1	B
MSA-316 BASIC PHENOMENON OF MECHANICAL	1	C
MSA-318 HYDRAULICS & PNEUMATICS LABORATORY	1	C
MSA-402 ENTREPRENEURSHIP	2	A
MSA-403 MECHANICAL SYSTEM DESIGN	2	B
MSA-404 MACHINE MAINTENANCE MANAGEMENT	2	B
MSA-405 MECHATRONICS	2	A
MSA-409 MACHINE ELEMENTS DESIGN II	1	C
MSA-411 PERFORMANCE ENGINES	1	B
MSA-452 CASTING PROCESS	3	A
MSA-453 WELDING PROCESS	3	AB
MSA-454 MACHINE TOOLS	3	B
MSA-490 INTERNSHIP	2	A
MSA-499 APPLIED MECHANICAL ENGINEERING PROJECT	2	B
MSB-402 RENEWABLE ENERGY TECHNOLOGIES	2	BC
MSB-404 ENVIRONMENTAL MANAGEMENT	2	AB
MSB-465 RELIABILITY ENGINEERING	3	B
MSB-500 FINAL PROJECT	5	A

Thesis :

DESIGN OF A SOIL MOISTURE DETECTOR
INTERNET OF THINGS BASED

Graduated on : 6 September 2023

Total Credit : 144 GPA : 2,99

Predicate : Satisfactory

Dean,

Jono Suhartono, S.T., M.T., Ph.D.



Bandung, 16 October 2023

Rector,

Prof. Meilinda Nurbanasari, S.T., M.T., Ph.D.

TIDAK BERLAKU UNTUK
KE LUAR NEGERI



SURAT KETERANGAN CATATAN KEPOLISIAN
POLICE RECORD

Nomor : SKCK/YANMAS/ 8222 / VII / 2024/INTELKAM

Diterangkan bersama ini bahwa:
This is to certify that :

<u>Nama</u>	: RIZKY MOHAMMAD FITRIANTO
<u>Name</u>	
<u>Jenis Kelamin</u>	: Laki - Laki
<u>Sex</u>	
<u>Kebangsaan</u>	: Indonesia
<u>Nationality</u>	
<u>Agama</u>	: Islam
<u>Religion</u>	
<u>Tempat dan tanggal lahir</u>	: Bandung 8 Januari 2000
<u>Place and date of birth</u>	
<u>Tempat tinggal sekarang</u>	: Jl. Padasuka No. 116 Kav. 21 Rt. 05/04
<u>Current address</u>	Kel. Pasirlayung Kec. Cib. Kidul Kota Bandung
<u>Pekerjaan</u>	:
<u>Occupation</u>	
<u>Nomor Kartu Tanda Penduduk</u>	: 3273140801000004
<u>Citizens card number</u>	
<u>Nomor Paspor/KITAS/KITAP*</u>	:
<u>Passport/KITAS/KITAP number</u>	

Setelah diadakan penelitian hingga saat dikeluarkan surat keterangan ini yang didasarkan kepada
As of screening through the issue hereof by virtue of

Catatan Kepolisian yang ada
Existing Police record

bahwa nama tersebut diatas tidak memiliki catatan atau keterlibatan dalam kegiatan kriminal
apapun
the bearer hereof proves not to be involved in any criminal cases

selama ia berada di Indonesia dari : 8 Januari 2000
during his/her stay in Indonesia from
sampai dengan : 20 Juli 2024
to

Keterangan ini diberikan berhubungan dengan permohonan
This certificate is issued at the request to the applicant

Untuk keperluan/menuju* : Persyaratan Melamar Pekerjaan
For the purpose
Berlaku dari tanggal : 20 Juli 2024
Valid from
Sampai dengan : 20 Januari 2025
To

Apabila dikemudian hari
ternyata ybs. terlibat
kejahatan / pelanggaran,
maka SKCK ini dinyatakan
tidak berlaku.

If the future is concerned
involved in the crime/
violations, this POLICE
RECORD is Declared
invalid

**) coret yang tidak perlu*



Dikeluarkan di : Bandung
Issued in
Pada tanggal : 20 Juli 2024
On

KEPALA KEPOLISIAN RESOR KOTA BESAR
BANDUNG
KEPALA SATUAN INTELKAM
Hunter Spionator S.IK. MSi
AKBP NRP 78110846

PROVINSI JAWA BARAT
KOTA BANDUNG

NIK : 3273140801000004

Nama : RIZKY MOHAMMAD FITRIANTO
Tempat/Tgl Lahir : BANDUNG, 08-01-2000
Jenis kelamin : LAKI-LAKI Gol. Darah : -
Alamat : JL. PADASUKA NO. 116 KAV-21
RT/RW : 005/004
Kel/Desa : PASIRLAYUNG
Kecamatan : GIBEUNYING KIDUL
Agama : ISLAM
Status Perkawinan : BELUM KAWIN
Pekerjaan : PELAJAR/MAHASISWA
Kewarganegaraan : WNI
Berlaku Hingga : SEUMUR HIDUP



KOTA BANDUNG
13-03-2018

[Handwritten signature]



dengan bangga mempersembahkan (*proudly presents*)

SERTIFIKAT PENYELESAIAN

this certificate of completion

kepada (*to*)

RIZKY MOHAMMAD FITRIANTO

Berhasil menyelesaikan Program dengan predikat Sangat Baik

for the successful completion of the program with Excellent result

Dasar Microsoft Excel : Pegawai Kantor Umum

Aktivitas : Unjuk Keterampilan

LKP Vistama Comtech

Durasi Belajar: 15 Jam | Nilai Aktivitas: 80

Learning Duration: 15 Hours | Activity Score: 80

Jakarta, 26-03-2024

Puryanti, S.Pd.
Pimpinan

Kompetensi yang Dilatih

Learning Competencies

A. SKKNI Bidang Administrasi Profesional No. 183 tahun 2016

1. N.821100.003.03 - Menciptakan Dokumen/Lembar Kerja Sederhana
2. N.821100.004.02 - Memproduksi Dokumen
3. N.821100.006.01 - Membuat Laporan Tertulis
4. N.821100.053.02 - Memproduksi Dokumen di Komputer
5. N.821100.057.02 - Mengoperasikan Aplikasi Perangkat Lunak
6. N.821100.085.01 - Menyusun Laporan Keuangan



dengan bangga mempersembahkan (*proudly presents*)

SERTIFIKAT PENYELESAIAN

this certificate of completion

kepada (*to*)

RIZKY MOHAMMAD FITRIANTO

Berhasil menyelesaikan Program dengan predikat Sangat Baik

for the successful completion of the program with Excellent result

Pengendalian Risiko Kerja bagi Ahli K3

Aktivitas : Unjuk Keterampilan

Devicourse

Durasi Belajar: 15 Jam | Nilai Aktivitas: 100

Learning Duration: 15 Hours | Activity Score: 100

Jakarta, 19-06-2024

Muhammad Aswar, S.H

Direktur Utama

Kompetensi yang Dilatih

Learning Competencies

A. SKKNI Keselamatan dan Kesehatan Kerja (K3) Nomor 38 tahun 2019

1. M.71KKK01.001.1 - Merancang strategi pengendalian risiko K3 ditempat kerja
2. M.71KKK01.005.1 - Melakukan pengukuran faktor bahaya di tempat kerja
3. M.71KKK01.008.1 - Mengelola APD ditempat kerja
4. M.71KKK01.012.1 - Mengevaluasi pemenuhan persyaratan dan prosedur K3

2781.149657/VIII/2024



Brighten English

SK DINAS: 421.9/2809/418.20/2024

CERTIFICATE

♦♦ OF ACHIEVEMENT ♦♦

This is to certify that

RIZKY MOHAMMAD FITRIANTO

has achieved the following scores on the
English Proficiency Test (**TOEFL Test**)
at **Brighten English Pare Kediri**

SECTIONS	SCORES
Listening Comprehension	57
Structure and Written Expression	43
Reading Comprehension	59
Total	530

We hope this letter of explanation will be found useful where necessary.

Scan Here for Validation



Kediri, August 27th, 2024



Brighten
English

KAMPUNG INGGIRIS

Samsul Arifin, S.Pd

Director of Brighten English

This certificate is acceptable until **August 27th, 2026**

Head Office:

Dr. Soetomo St. no. 59, Pelem Pare Kediri

Contact Us: admin@brightenenglish.com

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