

## **HANNA HAFIDZATUNNISA**

### **Fresh Graduate**

Bekasi, Indonesia | HP : 081328859186 | Email : hannahafidzatunnisa@gmail.com

### **SUMMARY**

I am a graduate student of D3 Metrology and Instrumentation who learns about correct and traceable tool calibration. Have an interest in work that demands systematicity.

### **EDUCATION**

#### **GADJAH MADA UNIVERSITY (2017-2021)**

D3 Metrology and Instrumentation - GPA 3,38

### **WORK EXPERIENCE**

#### **Balai Besar Bahan dan Barang Teknik (B4T) – Bandung, Indonesia**

Internship, Calibration Division (July – August 2019)

- Calibrate the measuring instrument for temperature, volume, pressure, length, and mass indicators.
- Study the calibration laboratory quality management system.
- Know the administration system in calibration laboratories.

### **ORGANIZATIONAL EXPERIENCE**

#### **BEM KM SV UGM – Secretary of the PSDM Division**

2017-2020, Yogyakarta

- Making activity proposals, year-end accountability reports for the organization.
- Recruiting new members for two terms of office.

### **ABILITY**

- Instrumentation Capability: Calibrate pressure, length, volume and mass indicators.
- Computer skills: Microsoft office (Word, Excel, Power Point), Processing, Proteus, EdrawMax, Autocad, Arduino IDE.
- Language skills : Indonesian, English (moderate).

### **ACHIEVEMENT**

- Final Project "Design and Build a Water Wave Height and Velocity Monitoring Device Using a Sharp GP2D12 IR Sensor With Thingspeak Interface for Laboratory Scale"
- Internship Report "Drumtest Calibration Using Standard Load Test Tool And Tachometer"
- Prototype of Water Wave Height and Velocity Monitoring Equipment Using Sharp GP2D12 IR Sensor With Thingspeak Interface For Laboratory Scale.

### **PERSONALITY**

- Adaptable
- Work systematically
- Easy focus



Nomor: 2.203 / UN1 / VDC /SV-SR / 2020

UNIVERSITAS GADJAH MADA  
SEKOLAH VOKASI

SEKIP UNIT I Yogyakarta, Telp. (0274)541020; Fax. (0274)582598, E-mail : sv@ugm.ac.id

**Certificate of Achievement**

This is to certify

**Test of English for Vocational Student (TEVocS) Report**

Full Name : Hanna H  
Student Number : 416595  
Study Program : D3. METINS  
Test On : February, 20th 2020

Section	Score	Total Score
Listening	85	76
Speaking	68	

Skills		Band Score (Range: 1-5)
Listening	Understanding meanings in short conversations	4
	Responding appropriately to a question or a statement	5
	Getting the meanings in longer conversations	5
	Comprehending a long monolog	5
Speaking	Pronunciation	3
	Grammar	4
	Fluency	3
	Content in Communication	4

February, 25th 2020

Unit Manager Of Cooperation and Career Development  
Sekolah Vokasi, Universitas Gadjah Mada



*[Signature]*  
Saïqa Ilham Akbar BS., S.E., M.Sc.

*Valid for two years*





# UNIVERSITAS GADJAH MADA

Terakreditasi A berdasarkan Keputusan BAN-PT No. 5241/SK/BAN-PT/Akred/PT/XII/2017

## I J A Z A H

Menyatakan bahwa

**Hanna Hafidzatunnisa**

lahir di Bekasi pada tanggal 19 Maret 1998 dengan Nomor Induk Kependudukan 3275045903980010,  
diterima pada bulan Agustus tahun 2017 dengan Nomor Induk Mahasiswa 17/416595/SV/14333.

Yang bersangkutan telah menyelesaikan studi, memenuhi seluruh syarat pendidikan Diploma Tiga pada  
Program Studi Metrologi dan Instrumentasi

Sekolah Vokasi

dan dinyatakan lulus pada tanggal 30 September 2021 sehingga kepadanya diberikan gelar

**Ahli Madya (A.Md.)**

beserta segala hak dan kewajiban yang melekat pada gelar tersebut.

Diterbitkan di Yogyakarta, tanggal 24 November 2021

Dekan

Dr.-Ing. Ir. Agus Maryono



Rektor

Prof. Ir. Panut Mulyono, M.Eng., D.Eng., IPU, ASEAN Eng.







# UNIVERSITAS GADJAH MADA

## TRANSKRIP NILAI ACADEMIC TRANSCRIPT

Nama : Hanna Hafidzatunnisa  
Name

Tempat Lahir : Bekasi  
Place of Birth

Nomor Induk Mahasiswa : 17/416595/SV/14333  
Student Number

Tanggal Lahir : 19/03/1998  
Date of Birth

Jenjang : Diploma Tiga  
Degree : Three-Year Diploma Program

Nomor Ijazah : 204042021000331  
Graduation Certificate Number

Fakultas : Sekolah Vokasi  
Faculty : Vocational College

Tanggal Diterima : 14/08/2017  
First Enrollment

Program Studi : Metrologi dan Instrumentasi  
Study Program : Metrology and Instrumentation

Tanggal Lulus : 30/09/2021  
Passing Date

No	Kode Code	Mata Kuliah	Courses	SKS Credit	Nilai Grade
1	UNU1000	Agama dan Etika	Religion and Ethics	2	A/B
2	UNU1001	Kewarganegaraan	Civics	2	A
3	VMM1101	Fisika Rekayasa I	Engineering Physics I	2	B
4	VMM1102	Praktikum Fisika Rekayasa I	Engineering Physics I Practice	2	A
5	VMM1103	Matematika Metrologi	Metrology Mathematics	2	C+
6	VMM1104	Pengantar Metrologi	Introduction to Metrology	2	B
7	VMM1105	Praktikum Metrologi	Metrology Practice	2	A-
8	VMM1106	Menggambar Teknik	Drawing Engineering	2	B
9	VMM1107	Praktikum Menggambar Teknik	Engineering Drawing Practice	2	A/B
10	VMM1108	Kimia Rekayasa	Engineering Chemistry	2	C-
11	VMM1109	Bahasa Inggris I	English I	2	A-
12	VMM1110	Metode Pengukuran	Measurement Method	2	B
13	VMM1201	Fisika Rekayasa II	Engineering Physics II	2	A/B
14	VMM1202	Praktikum Fisika Rekayasa II	Engineering Physics II Practice	2	A/B
15	VMM1203	Elektrikal dan Elektronika	Electrical and Electronics	2	A-
16	VMM1204	Praktikum Elektrikal dan Elektronika	Electrical and Electronics Practice	2	A-
17	VMM1205	Sistem Digital	Digital System	2	A/B
18	VMM1206	Praktikum Sistem Digital	Digital System Practice	2	A
19	VMM1207	Teknologi Mekanik	Mechanical Technology	2	A
20	VMM1208	Statistik Terapan	Applied Statistics	2	B-
21	VMM1209	Bahasa Inggris II	English II	2	B+
22	VMM2109	Bahasa Indonesia	Indonesian	2	B
23	V3MI1105	Kesehatan, Keselamatan Kerja, dan Lindung Lingkungan (K3LL)	Health, Safety, and Environment	2	B
24	V3MI1203	Undang-Undang Metrologi Legal	Legal Metrology Rules	2	A
25	V3MI1205	Etika Profesi	Professional Ethics	1	A
26	V3MI2101	Ketidakpastian Pengukuran	Measurement Uncertainty	2	B
27	V3MI2102	Standar Ukuran dan Laboratorium Kalibrasi	Standard and Calibration Laboratory	2	B
28	V3MI2103	Pneumatik dan Hidraulik	Hydraulics and Pneumatics	2	B
29	V3MI2104	Sistem Pengukuran Listrik	Electrical Measurement System	2	C
30	V3MI2105	Sistem Pengukuran Massa	Mass Measurement System	2	B
31	V3MI2107	Praktikum Pemrograman Komputer	Computer Programming Practice	2	B
32	V3MI2108	Praktikum Pneumatik dan Hidraulik	Hydraulics and Pneumatics Practice	2	A/B
33	V3MI2109	Praktikum Sistem Pengukuran Listrik	Electrical Measurement System Practice	2	A-
34	V3MI2110	Praktikum Sistem Pengukuran Massa	Mass Measurement System Practice	2	A-
35	V3MI2200	Pancasila	Pancasila	2	A



No	Kode Code	Mata Kuliah	Courses	SKS Credit	Nilai Grade
36	V3MI2201	Metodologi Penelitian	Research Methodology	2	A/B
37	V3MI2202	Sistem Pengukuran Geometri dan Dimensi	Geometric Measurement and Dimension System	2	A-
38	V3MI2203	Sistem Pengukuran Besaran Fisika	Measurement of Physical Quantities	2	B
39	V3MI2204	Elektronika Industri	Industrial Electronics	2	B
40	V3MI2205	Sistem Otomasi Industri	Industrial Automation System	2	A/B
41	V3MI2206	Sistem Instrumentasi Industri	Industrial Instrumentation System	2	B+
42	V3MI2207	Praktikum Sistem Pengukuran Besaran Fisika	Measurement of Physical Quantities Practice	2	B+
43	V3MI2208	Praktikum Sistem Pengukuran Geometri dan Dimensi	Geometric Measurement and Dimension Practice	2	A-
44	V3MI2209	Praktikum Gambar Diagram Perpipa dan Instrumentasi	Piping and Instrumentation Diagram Practice	2	B
45	V3MI2210	Praktikum Sistem Otomasi Industri	Industrial Automation System Practice	2	A-
46	V3MI3101	Ide Kreatif dan Kewirausahaan	Creative Entrepreneurship	2	A/B
47	V3MI3102	Kapita Selekt Metrologi	Selected Topics in Metrology	2	A-
48	V3MI3103	Administrasi Kemetrologian	Metrological Administration	2	A-
49	V3MI3104	Sistem Pengukuran Besaran Migas	Oil and Gas Measurement System	2	A/B
50	V3MI3105	Komunikasi Data dan Antarmuka Komputer	Data Communication and Computer Interfaces	2	A
51	V3MI3106	Sistem Instrumentasi Berbasis Mikroprosesor	Microprocessor-Based Instrumentation System	2	B/C
52	V3MI3107	Praktikum Komunikasi Data dan Antarmuka Komputer	Data Communication and Computer Interfaces Practice	2	B
53	V3MI3108	Praktikum Sistem Instrumentasi Berbasis Mikroprosesor	Microprocessor-Based Instrumentation System Practice	2	A
54	V3MI3109	Kerja Bengkel Metrologi dan Instrumentasi	Metrology and Instrumentation Workshop	2	A/B
55	V3MI3200	Kerja Praktek	Practical Work	2	A
56	V3MI3201	Tugas Akhir	Final Assignment	4	A-

Jumlah SKS : 113

Number of Credits

Indeks Prestasi Kumulatif : 3.38

Cumulative Grade Point Average

Predikat : Sangat Memuaskan

Predicate : Excellent

Keterangan Nilai

Explanation of Grades

A : 4	C+ : 2.25
A- : 3.75	C : 2
A/B : 3.5	C- : 1.75
B+ : 3.25	C/D : 1.5
B : 3	D+ : 1.25
B- : 2.75	D : 1
B/C : 2.5	E : 0

Tugas Akhir

RANCANG BANGUN ALAT MONITORING KETINGGIAN DAN  
KECEPATAN GELOMBANG AIR MENGGUNAKAN SENSOR IR SHARP  
GP2D12 DENGAN INTERFACE THINGSPEAK UNTUK SKALA  
LABORATORIUM

Final Assignment

DESIGN AND DEVELOPMENT OF WATER WAVE HEIGHT AND  
SPEED MONITORING USING SHARP IR SENSOR GP2D12 WITH  
THINGSPEAK INTERFACE FOR LABORATORY SCALE

Yogyakarta, 24/11/2021

Bekan,  
Dean,

Dr. Ing. Ir. Agus Maryono

----- Akhir Transkrip (End of Transcript) -----

