CURRICULUM VITAE

A. Personal Identity

1	Full Name (with title)	Nada Fitrieyatul Hikmah, S.T., M.T.
2	Functional Position	Assistant Professor
3	Stuctural Position	-
4	Staff ID Number	199001072018032001
5	National Lecturer Identification Number	0007019004
6	Place and Date of Birth	Jember, 7 January 1990
7	Home Address	Medokan Sawah Timur IID No.4, Surabaya 60295
8	Phone Number / Fax / HP	+6285749241212
9	Office Address	Biomedical Engineering Department, ITS Campus, Keputih, Sukolilo, Surabaya, East Java
10	Email	nadafh@bme.its.ac.id

B. Education Background

	Bachelor's	Master's	Doctorate
College Name	Airlangga University	Sepuluh Nopember Institute of Technology Surabaya	-
Field of Study	Biomedical Engineering	Electrical Engineering, Field of Study in Biomedical Engineering	-
Entry – Graduate Year	2008 – 2012	2013 – 2016	-

C. Short Description about Research Related to Study Program's Development

Master's Degree Research Topic :
Multimodal Cardiac Signal Analysis (ECG, PCG, and Carotid Pulse) For Normal and Abnormal Heart Classification.

Research Interest
- Cardiac engineering, signal processing, biomedical instrumentation
- Medical image processing

D. Research Experiences

No	Year	Research Subject	Funding Source
1	2020	Design of monitoring, control, and database systems on Hemodialysis machines based on internet of thing.	This research was supported by BME Department, FTEIC, ITS, under Department funding research program.
2	2002	Device-to-human communication and IoT in free fall motion experiment.	Funding by LPPM ITS under Superior Research program.
4	2020	Integration of uniformly accelerated linear motion experiment using internet networks.	Funding by LPPM ITS under Superior Research program.
5	2020	Design and implementation of remote laboratory in moment inertia experiment based on IoT.	Funding by LPPM ITS under Superior Research program.
6	2019	Diagnosis of Fatigue During Exercise with EG Signals as Treadmill Speed Control and Post Exercise with PCG Signals, research leader	Funding by LPPM ITS under novice research program.
7	2019	Finger movement learning through hand glove, research member	Funding by LPPM ITS under IKK research program.
8	2018	Development of Multimodal Cardiac Signal Instrumentation System As Heart Dynamics Representation, research leader	Funding by LPPM ITS under department research program.
9	2018	Development of Cardiac Signal Framework For Multimodal Analysis of Cardiodynamic Parameters, research leader	Funding by LPPM ITS under novice research program.

E. Scientific Article Writing Experiences in Journals

No	Scientific Article Subject	Vol/No/Year	Journal Name
1	Nada Fitrieyatul Hikmah, Achmad Arifin, and Tri Arief Sardjono, "Delineation of ECG Feature Extraction Using Multiresolution Analysis Framework",	Vol.18/No.2/2020	Scientific Journal of Information Technology, pp. 135-146
2	Theo Wiranadi Hendranata, Achmad Arifin, and Nada Fitrieyatul Hikmah, "Sistem Monitoring Elektrokardiografi Berbasis Aplikasi Android"	Vol. 5/No.2/2016	Jurnal Teknik ITS pp. 99-105
3	Monica Regina Emilia, Achmad Arifin, and Nada Fitrieyatul Hikmah, "Instrumentasi Elektrokardiografi dengan Capacitive Contact Electrode pada Kursi"	Vol.5/No.2/2016	Jurnal Teknik ITS pp. 116-120

F. Oral Scientific Article Publication on Summit / Seminar Experiences

No	Summit Name	Scientific Article Subject	Time and Place
1	ASEA UNINET Scientific and Plenary Meeting 2016, pp. 63-77	Nada Fitrieyatul Hikmah, Achmad Arifin, Tri Arief Sardjono, and Eko Agus Suprayitno, "A Sequential Hypothesis Testing of Multimodal Cardiac Analysis"	2016
2	Intelligent Technology and Its Applications (ISITIA), IEEE Conference Publications, pp. 125-130, 2015.	Nada Fitrieyatul Hikmah, Achmad Arifin, Tri Arief Sardjono, and Eko Agus Suprayitno, "A Signal Processing Framework For Multimodal Cardiac Analysis"	2015
3	Proceeding Seminar Nasional Fisika Terapan III, Airlangga University, pp. D105-D113, 2012.	Nada Fitrieyatul Hikmah, Imam Sapuan, and Triwiyanto, "Rancang Bangun Syringe Pump Berbasis Mikrokontroler ATMega8535 Dilengkapi Detektor Oklusi"	2012

4	International Conference on Computer Engineering, Network and Intelligent Multimedia, 2020.	Vina Alvionita, Mohammad Nuh, and Nada Fitrieyatul Hikmah "Data Balancing Techniques Evaluation on Convolutional Neural Network to Classify The Diabetic Retinopathy of Fundus Image",	2020
5	International Conference on Computer Engineering, Network and Intelligent Multimedia, 2020.	Andhryn Celica Dewi Rahajeng, Mohammad Nuh, and Nada Fitrieyatul Hikmah, "An Evaluation Performance of Kernel on Support Vector Machine to Classify The Skin Tumors in Dermoscopy Image"	2020

G. Awards (From Goverment, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	Best Paper Publication at International Conference	Intelligent Technology and Its Applications (ISITIA)	2015
2	1 st Place Student with the best graduates	Airlangga University	2012

All the data I filled and listed in this biodata is true and can be accounted by law. If later found inconsistancy with the reality, I am willing to accept the risk.

Surabaya, 17 August 2020

(Nada Fitrieyatul Hikmah, S.T., M.T.)