

CURRICULUM VITAE

A. Personal Identity

1	Full Name (with title)	Muhammad Hilman Fatoni, S.T., M.T.
2	Functional Position	Assistant Professor
3	Structural Position	Secretary Department
4	Staff ID Number	199103252015041001
5	National Lecturer Identification Number	0025039101
6	Place and Date of Birth	Bondowoso, 25 March 1991
7	Home Address	Tambak Gringsing St., 2/14, Surabaya
8	Phone Number / Fax / HP	+62 85236425858
9	Office Address	Biomedical Engineering Department, Faculty of Intelligent Electrical and Informatics Technology, Sepuluh Nopember Institute of Technology (ITS), Surabaya
10	Phone Number / Fax	-

B. Education Background

	Bachelor's	Master's	Doctorate
College Name	Sepuluh Nopember Institute of Technology	Sepuluh Nopember Institute of Technology	-
Field of Study	Electrical Engineering	Electrical Engineering	-
Entry – Graduate Year	2008-2012	2011-2014	-

C. Research Experiences

No	Year	Research Subject	Funding Source
1	2019	Development of Detection and Measurement Systems of Fetal Biometry from Ultrasonographic Image for Fetal Development Monitoring and Growth	ITS
2	2019	wearABLE: Open Source Hardware Platform for Development of Wearable Wireless Body Area Networks based on Bluetooth Low Energy (BLE)	ITS
3	2019	Development of Vibration Control of Electromyogram Based Hands-Free Electrolarynx	ITS
4	2018	Development of Subject Training System to Increase Success Rate in Electric Wheelchair Control Based on Brain Computer Interface	ITS
5	2018	Feasibility Study Design of 12-channel Internet-connected ECG for Screening of Coronary Heart Disease in Public Health Center	ITS

6	2017	Design of Telecardiac System for extracting temporal parameters of heart signals and sending them via radio channels	-
7	2017	Application of Brain Computer Interface Based on Sensorymotor Rhythms Activity as an Electric Wheelchair Controller Interface	ITS
8	2016	Spatial Filter Application in Computer Brain Interface System Using Lower Limb Motor Information	ITS
9	2012	Identification of Motor Imagery on EEG Signals when Giving Command to Upper Limb Segment	-

D. Scientific Article Writing Experiences in Journals

No	Scientific Article Subject	Vol/No/Year	Journal Name
1	Design and Test of Lower Part Humanoid Dancer Robot to Do Foot Lifting Move of Remo Dance	2019	Journal on Advanced Research in Electrical Engineering / JAREE
2	Experimental Use of Self Test Endoscopy for Cervical Cancer Screening	2018	Health Notions

E. Oral Scientific Article Publication on Summit / Seminar Experiences

No	Summit Name	Scientific Article Subject	Time and Place
1	International Conference on Computer Engineering, Network, and Intelligent Multimedia	Automatic Measurement of Fetal Head Circumference from 2-Dimensional Ultrasound	2020, Surabaya
2	International Biomedical Instrumentation and Technology Conference	A Design of Multipurpose Virtual Reality Game for Children with Autism Spectrum Disorder	2020, Yogyakarta
3	Int'l Conference on Research & Innovation in Computer, Electronics and Manufacturing Engineering	Extraction of Brain Signal during Motor Imagery Task for Wheelchair Control Command	2017, Bali
4	Electrical Engineering National Seminar	Comparative Analysis of Calculations of Event Related Desynchronization/Event Related Synchronization (ERD/ERS) on Brain Computer Interface Using Mastoid Method Reference and Common Average Reference (CAR)	2017, Jakarta

F. Awards (From Government, association or other institutions)

No.	Award Type	Awarding Institution	Year
1	Champion in Regional IV of Division of INDONESIA ARTS DANCE ROBOT CONTEST (KRSTI) (Supervisor)	INDONESIAN ROBOT CONTEST (KRI)	2019
2	Champion in National of Division of INDONESIA ARTS DANCE ROBOT CONTEST (KRSTI) (Supervisor)	INDONESIAN ROBOT CONTEST (KRI)	2019
3	Champion in Singapore Robotic Games Humanoid Category (Supervisor)	Singapore Robotic Games Humanoid Category	2019
4	2nd Place in National of Division of INDONESIA ARTS DANCE ROBOT CONTEST (KRSTI) (Supervisor)	INDONESIAN ROBOT CONTEST (KRI)	2018
5	2nd Place in Regional IV of Division of INDONESIA ARTS DANCE ROBOT CONTEST (KRSTI) (Supervisor)	INDONESIAN ROBOT CONTEST (KRI)	2016
6	3rd Place in National of Division of INDONESIA ARTS DANCE ROBOT CONTEST (KRSTI) (Supervisor)	INDONESIAN ROBOT CONTEST (KRI)	2016
7	Champion of the Best Poster	Dentistry Equipment Innovation Competition Dies Natalis PSMKGI XXII Pepsodent Awards	2011
8	Funding from DIKTI “Program Kreatifitas Mahasiswa 2011”	Directorate of Higher Education	2011
9	Funding from DIKTI “Program Kreatifitas Mahasiswa 2010”	Directorate of Higher education	2010

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

Surabaya, 17 August 2020



(Muhammad Hilman Fatoni, S.T., M.T.)