STAFF HANDBOOK (CV)

Name	**Ilham A.E. Zaeni, S.T., M.T., Ph.D**		
Post	***Biomedic and Intelligent Assistive Technology***		
Academic Career	S1	Electrical Engineering, Brawijaya University	2005
	S2	Electrical Engineering, Brawijaya University	2012
	S3	Electrical Engineering, Southern Taiwan University of Science and TEchnology	2017
Employment	Head of Study Programme of Informatics Engineering	Universitas Negeri Malang	2018-now
Research and development project over the last 5 year	Design of Training Tools in Stroke Patient Recovery		2019
	Cryptography Implementation in The Communication ossf The IoT Medical Care Device Based on Lighweight Stream Chipper (Lizard) Algorithm		2020
Industry collaborations over the last 5 year			

Patens and propriety right	No	Title	Year	ID Number
	1	Jointed Robot Modeling Tool for Kinematics Learning	2020	000180576
	2	Kinematics Practicum Module in Jointed Robot	2020	000177037

Important publications over the last 5 year	The SSVEP-based BCI text input system using entropy encoding algorithm (Mathematical Problems in Engineering)	2015
	Fuzzy tracking and control algorithm for an SSVEP-based BCI system (Applied Sciences 6 (10), 270)	2016
	A single-channel ssvep-based bci with a fuzzy feature threshold algorithm in a maze game. (International Journal of Fuzzy Systems)	2017
	Applying fuzzy decision for a single channel SSVEP-based BCI on automatic feeding robot. (Microsystem Technologies 24 (1), 199-207)	2018
	Concentration Level Detection Using EEG Signal on Reading Practice Application (2019 International Conference on Electrical, Electronics and Information Engineering)	2019

	Detection of Fear of Falls using PPG with Video Stimulation of the Fall Condition. (2019 International Biomedical Instrumentation and Technology Conference)		2019
Activities in specialist bodies over the last 5 year	IEEE	Member	2018-now