

STAFF HANDBOOK (CV)



Name	Dr. Eng Anik Nur Handayani, S.T., M.T.			
Post	Biomedic and Intelligent Assistive Technology			
Academic Career	S1	Electrical Engineering, Brawijaya University		2004
	S2	Electrical Engineering, Institute Technology Sepuluh Nopember Surabaya		2008
	S3	Science and Advanced Engineering Saga University Japan		2014
Employment	Secretary of Engineering Electrical Department	Universitas Negeri Malang		2018 - now
Research and development project over the last 5 year	Assistive Device for Visual Impaired Person Based on Real Time Object Detection			2020
	Monitoring of Visual Impaired Person Movement using Wemos D1 Mini GPS			2019
	Design and Implementation of Blind Runner Guide Android Mobile Application for the Visual Impairment User Experience			2018
Industry collaborations over the last 5 year				
Patens and propriety right	No	Title	Year	ID Number
	1	Ecollab - Classroom	2019	000166085
	2	DMBT	2018	000159227
Important publications over the last 5 year	1. e-Collab Classroom for CNN Practice on Electrical Engineering, Universitas Negeri Malang – ICOVET 2020 2. Vision-based Control for Open-source Mobile Robots for Dissable Person ICOVET 2020 3. Vision-Based Robot Hand Using Open Source Software for Dissable Person ICOVET 2020 4. Assistive Device for Visual Impaired Person Based on Real Time Object Detection ICOVET 2020			2020
	1. An Improvement on QR Code Limit Angle Detection			2019

	using Convolution Neural Network – ICEEIE 2019 2. Monitoring of Visual Impaired Person Movement using Wemos D1 Mini GPS – ICEEIE 2019 3. Zoning Feature Extraction for Handwritten Javanese Character Recognition – ICEEIE 2019		
	1. Neural Network Bayesian Regularization Backpropagation to Solve Inverse Kinematics on Planar Manipulator – ICIEV 2018 2. Solving inverse kinematics trajectory tracking of planar manipulator using neural network – ICOIACT 2018 3. Design and Implementation of Blind Runner Guide Android Mobile Application for the Visual Impairment User Experience – MATEC Web Conferences		2018
Activities in specialist bodies over the last 5 year	IEEE	Member	2018 - now