

# CURRICULUM VITAE

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## A. Personal Identity

1. Full Name (with Titles) : Prof. Dr. Ir. Achmad Jazidie, M.Eng.
2. Functional Position : Professor
3. Structural Position : --
4. NIP : 195902191986101001
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Institut Teknologi Sepuluh Nopember, Keputih, Sukolilo District,  
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## B. Educational Background

	Undergraduate	Postgraduate	Doctoral
Name of Institution	ITS	Hirosima University	Hirosima University
Field of Study	Electrical Engineering	Information Eng.	System Engineering
Year of Graduation	1984	1992	1995

## C. Brief Description of Research Relevant to Scientific Development in the Field of Study

## D. Research Experience within the Last Five Years

No	Year	Research Title	Source of Funding
1			
2			

### E. Community Service Experience within the Last Five Years

No	Year	Title of Community Service
1	2020	Workshop Virtual Pengembangan Modul Percobaan Virtual IoT Plant Berbasis Matlab untuk Mendukung Praktikum di Rumah Saja ( <i>Virtual Workshop on the Development of Virtual IoT Experiment Module Based on Matlab in Support of At-Home Practicum</i> )
2	2019	Seminar Nasional dengan tema Penguatan Perencanaan dan Implementasi Pendidikan, Ekonomi, Keagamaan, Sains, Teknologi dan Teknologi Informasi pada Lembaga Pendidikan Islam di Era Revolusi Industri 4.0 ( <i>National Seminar on the Reinforcement of the Planning and Implementation of Economy, Religion, Science, Technology, and Information Technology on Islamic Education Institution on the 4<sup>th</sup> Industrial Revolution</i> )
3	2017	Narasumber dalam kegiatan Workshop kepemimpinan perguruan tinggi Tahun 2016 ( <i>Interviewee in 2016 Higher Education Leadership Workshop</i> )
4	2015	Narasumber kegiatan pengabdian kepada masyarakat "Electricity Forum Pameran Kelistrikan Tahun 2015" ( <i>Interviewee on a Community Service Activity to "Electricity Forum Electrical Exhibition" Community</i> )

### F. Experience Writing in the Journal of Scientific Articles Within the Last Five Years

No	Scientific Article Title	Vol/No/Year	Title of Journal
1	Light-activated heterostructured nanomaterials for antibacterial applications	10/4/2020	Nanomaterials
2	Nanomaterials for the photothermal killing of bacteria	10/6/ 2020	Nanomaterials
3	One-pot synthesis of thiol-modified liquid crystals conjugated fluorescent gold nanoclusters	10/9/2020	Nanomaterials
4	High UV-VIS-NIR light-induced antibacterial activity by heterostructured TiO <sub>2</sub> -FeS <sub>2</sub> nanocomposites	15/2020	International Journal of Nanomedicine
5	Real Time Implementation of Robust Observer Based Sensor and Actuator Fault Tolerant Tracking Control for a DC Motor System	11/5/2018	International Review of Automatic Control
6	Tracking Control of Quadrotor Using Static Output Feedback with Modified Command-Generator Tracker	9/4/2016	International Review of Automatic Control (I.R.E.A.CO.)
7	Robust observer-based fault tolerant tracking control for linear systems with simultaneous actuator and sensor faults: Application to a dc motor system	8/4/2015	International Review on Modelling and Simulations (IREMOS)
8	Robust fuzzy observer-based fault tolerant tracking control for nonlinear systems with simultaneous actuator and sensor faults: Application to a DC series motor speed drive	8/6/2015	International Review of Automatic Control
9	Reconfigurable Controller Based on Fuzzy Descriptor Observer for Nonlinear Systems with Sensor Faults	771/-/2015	Applied Mechanics and Materials

**G. Experience on Oral Delivery of Paper on a Conference/Seminar within the Last Five Years**

No	Name of Conference	Scientific Article Title	Time and Place
1	International Seminar on Intelligent Technology and Its Applications (ISITIA)	Application of Kalman Filter in Fine Alignment of INS Assisted by Magneto Sensors	22-23 Juli 2020, Surabaya Indonesia
2	International Conference of Artificial Intelligence and Information Technology	Switching Formation and Topology in Cooperative Multi-Agent Source Seeking Using Gradient Estimation	Maret 2019, Yogyakarta Indonesia
3	International Seminar on Intelligent Technology and Its Applications (ISITIA)	Design of actuator fault compensation with MRC in 2 DOF manipulator based on PID CTC	Agustus 2017; Surabaya, Indonesia

**H. Experience on Book-Writing within the Last Five Years (Modul in soft form – My classroom)**

No	Book Title	Year	No. of Pages	Publisher
1				
2				

**I. Experience on Training Program**

No	Name of Training Program	Time and Place	Organizer
1			
2			

**J. Acquisition of Intellectual Property Rights within the Last Five to Ten Years**

No	Title/Theme of Intellectual Property Rights	Year	Type	Registration Number
1				
2				

**K. Experience in Formulating Other Public Policy/Social Engineering within the Last Five Years**

No	Title/Theme/Type of Already Implemented Social Engineering	Year	Place of Implementation	Public Response
1				
2				

**L. Awards within the Last Ten Years (from the Government, Associations, or other Institutions)**

No	Type of Awards	Awarding Institution	Year
1			
2			

All of the filled data dan written in the personal identity are true and can be accounted legally. If in the future, a discrepancy occurs, I will accept the risk.

Surabaya, 4 March 2021

PROF. DR. IR. ACHMAD JAZIDIE, M.ENG.