

CURRICULUM VITAE

A. Personal Identity

1. Full Name (with Titles) : Dr. Ir. Ari Santoso, DEA
2. Functional Position : Associate Professor
3. Structural Position : -
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B. Educational Background

	Bachelor	Master	Doctoral
Name of Institution	ITS	INPG France	Univ Montpellier II- France
Field of Study	Control System Engineering	Control Engineering	Microelectronic
Year of Enrollment - Graduation	1984-1990	1995-1996	1996-1999

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	2020	Rancang Bangun Sistem Otonom Mobil Listrik Offroad (<i>Design of Offroad Electrical Autonomous Car System</i>)	Self-financed
2	2019	Autopilot System and Guidance Design for Unmanned Surface Vehicle Type Monohull LSS01	Self-financed

E. Community Service Experience within the Last Five Years

No	Year	Title of Community Service
1	2019	Sebagai Pengabdian dalam Kegiatan Pelatihan Mikrokontroler dan Robot Line Tracer kepada Siswa dan Pembina/Guru SMAN 2 Kediri Jawa Timur (<i>As a doer in the Activity of Microcontroller and Robot Line Tracer Training for Students and Coach/Teacher of SMAN 2 Kediri, East Java</i>)
2	2020	SK ABMAS DANA DEPARTEMEN ITS tahun 2020: WORKSHOP VIRTUAL PENGEMBANGAN MODUL PERCOBAAN VIRTUAL IoT PLANT BERBASIS MATLAB UNTUK MENDUKUNG PRAKTIKUM DI RUMAH SAJA (<i>2020 Letter of Statement for the Financing of ITS' Department's Community Service: Virtual Workshop for the Development of Virtual Experiment Modules of IoT Plants Based on Matlab in Support of At-Home Practicums</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	Deep Learning Based System Identification of Quadcopter Unmanned Aerial Vehicle	2020	2020 3 rd International Conference on Information and Communications Technology (ICOIACT)
2	L1 Adaptive Controller for Unmanned Surface Vehicle Type Monohull LSS01 Autopilot System and Guidance Design". In	2019	2019 2 nd International Conference of Sustainable Island Development Initiatives (SIDI), Scopus.
3	Autopilot System Design on Monohull USV-LSS01 Using PID-Based Sliding Mode Control Method	2019	2019 2 nd International Conference of Sustainable Island Development Initiatives (SIDI), Scopus.
4	Dynamic modelling and Controlling Unmanned Surface Vehicle	2019	2019 2 nd International Conference of Sustainable Island Development Initiatives (SIDI), Scopus.
5	Design of Autopilot Control System on Unmanned Surface Vehicle Type Monohull LSS-01 Using Model Reference Adaptive Control-State Feedback in Waypoint Control	2019	2019 2 nd International Conference of Sustainable Island Development Initiatives (SIDI), Scopus.

6	Trajectory Tracking of Multi-Robot System Using a Singularity Approach	2020	International Seminar on Intelligent Technology and Its Applications (ISITIA)
7	Obstacle Avoidance with Energy Efficiency and Distance Deviation Using KNN Algorithm for Quadcopter	2020	3rd International Conference on Information and Technology (ICOIACT 2020)
8	Deep Learning based System Identification of Quadcopter Unmanned Aerial Vehicle	2020	3rd International Conference on Information and Technology (ICOIACT 2020)
9	Design of T2FSMC controller with minimum gain scale factor by optimizing membership function using firefly algorithm on mobile inverted pendulum	2013	International Review of Automatic Control

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

No	Scientific Article Title	Vol/No/Year	Title of Journal
1			
2			
3			
4			

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				
3				
4				

I. Experience on Training Program

No	Name of Training Program	Time and Place	Organizer
1	Training OHSAS18001 (Occupational Health & Safety Assessment)	2007	ITS
2	Training ICT for Higher Education,	2004	JICA-Saga Univ. Japan
3	MONEV(Monitoring and Evaluation) for Higher Education	2003	DIKTI (<i>Secretariat of the Directorate General of Higher Education</i>)
4	Pelatihan TIK (Penyusunan Kurikulum) (<i>TIK Training (Curriculum Preparation)</i>)	2000	DIKTI (<i>Secretariat of the Directorate General of Higher Education</i>)
5	Diklat Asesmen Asesor Kompetensi Muda bidang Pembangkit (<i>Youth Competency Assessment Training for Generators</i>)	Online, 9-13 November 2020	DJK-Kementerian ESDM (<i>Directorate General of Electricity – Ministry of Energy and Mineral Resources</i>)
6			

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	Anggota Tim ICT Dikti : Disain INHERENT (<i>Member of the Higher Education ICT Team: Design of INHERENT</i>)	2005-2010	All Indonesian State Universities	Very good
2	Tim Persiapan Implementasi UU No. 14 Th 2008 ttg KIP (<i>Preparation Team of the Implementation of Indonesian Law No. 14 Year 2008 on Public Information Disclosure</i>)	2009-2010	Throughout Indonesia	Good
3	Ketua Tim Pengintegrasian 9 Departemen Kabinet 2004-2009 (<i>Teamleader of the Integration Team of the 9 Departments for the 2004-2009 Cabinet</i>)	2009-2010	DKI Jakarta	Good
4	Anggota Tim Penyelarasan (<i>Member of the Adjustment Team</i>)	2010-2011	Throughout Indonesia	At that time it had not been

				implemented
5	Penggagas dan Ketua Tim : Pembuatan Rumah Belajar : belajar.kemdikbud.go.id (Initiator and Teamleader: Creation of Rumah Belajar: belajar.kemdikbud.go.id)	2011-2017	Throughout Indonesia	Very good

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, 1 March 2021

DR. IR. ARI SANTOSO, DEA