

CURRICULUM VITAE

A. Personal Identity

1. Full Name (with Titles) : Ir. Tasripan, MT.
2. Functional Position : Lecturer / III C
3. Structural Position : Head of Intelligent Electronics Laboratory for Electrical Engineering Department – Faculty of Industrial Technology - ITS
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B. Educational Background

	Undergraduate	Postgraduate	Doctoral
Name of Institution	ITS	ITB	-
Field of Study	Electrical-Electronics	Electrical-Electronics	-
Year of Enrollment - Graduation	1982-1988	1993-1996	-

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

Research on the development of Braille printer and research on Machine Learning – Deep Learning-based intelligent electronics system which is applied on hearing aids for the hearing impaired.

D. Research Experience within the Last Five Years

No	Year	Research Title	Source of Funding
1	2019	Uji Produksi Mesin Cetak Huruf Braille berkecepatan 400 karakter per detik (<i>Production trial for 400 characters per second Braille printer</i>)	Innovation grants
2	2019	Pembuatan mesin Cetak Huruf Braille 2019 (<i>Production of 2019 Braille Printer</i>)	Direktorat. PMK, Dirjen Pendidikan usia dini, dasar dan menengah, Kemdikbud. (<i>Directorate of Human Development and Culture, Director General of Early Childhood, Primary, and Secondary Educations, Ministry of Education and Culture</i>)
3	2018	Pengembangan Sistem Penghitung Nilai Sasaran Tembak Secara Otomatis Berbasis Pemrosesan Citra (<i>Development of Image Processing-based Automatic Shooting Target Score Counter System</i>)	2018 ITS Local Funds
4	2017	Pengembangan Prototipe Laik Industri Mesin Cetak Huruf Braille Berkecepatan 400 Karakter Per Detik (<i>Development of Industry-worthy Prototype of Braille Printer with the Printing Speed of 400 Characters per Second</i>)	Industrial Technology Development Program (PPTI) – Ministry of Research, Technology and Higher Education
5	2017	Pengembangan Teknik Pengenalan Uang Kertas Rupiah menggunakan Gabor Phase Congruency Image (<i>Development of Indonesian Rupiah Banknote Recognition Technique Using Gabor Phase Congruency Image</i>)	2017 ITS Local Funds

E. Community Service Experience within the Last Five Years

No	Year	Title of Community Service
1	2020	PELATIHAN SISTEM DIGITAL DAN IOT UNTUK MENDUKUNG SMART-PESANTREN SECARA ONLINE DIMASA PANDEMI COVID-19 UNTUK SISWA DAN GURU SMA TRENSAINS TEBUIRENG JOMBANG (<i>Training on Digital Systems and IoT in Support for Online & Smart Boarding School System during COVID-19 Pandemic for Students and Teachers of TRENSAINS High School in Tebuireng, Jombang</i>)
2	2020	Workshop Teknik Pemeliharaan dan perbaikan Mesin Braille Bagi operator/guru SLB N Sentra Braille Indonesia (<i>Workshop on Maintenance Techniques and Repairment of Braille Printer for Operators/Teachers of Sentra Braille Indonesia State Special Education School</i>)
3	2019	Workshop on using Braille Embosser and Text Editor Software For the Blind and Visual Impairment Student
4	2017	Workshop Pengoperasian Mesin Cetak Braille untuk Guru dan Siswa Tunanetra

		SLB YPAB Surabaya (<i>Workshop on Operation of Braille Printers for Teachers and Visually Impaired Students in YPAB Surabaya Special Education School</i>)
5	2017	Tenaga Ahli dalam Kegiatan "Perbaikan dan Penyempurnaan Mesin Embosser Braille, Braillo 400/200" kerjasama antara DTE dgn SLB Negeri Muara Enim Sumatra Selatan (<i>Expert in the Event "Repairment and Completion of Braille Embosser, Braillo 400/200" in Cooperation Between the Department of Electrical Engineering and Negeri Muara Enim Special Education School in South Sumatra</i>)
6	2017	Tenaga Ahli dalam kegiatan "Perbaikan dan Penyempurnaan Mesin Embosser Braille, Braillo 400/200", Kerjasama antara Departemen Teknik Elektro FTI-ITS dengan SLB-A YPTN Mataram NTB pd hari Sabtu, 22 Oktober s/d Senin 24 Oktober 2017 di SLB-A YPTN (<i>Expert in the Event "Repairment and Completion of Braille Embosser, Braillo 400/200", in Cooperation Between FTI-ITS Department of Electrical Engineering with YPTN Mataram Special Education School for Visually Impaired in West Nusa Tenggara from Saturday, 22 October until Monday, 24 October 2016 in YPTN Special Education School for the Visually Impaired</i>)
7	2017	Tenaga Ahli dalam Kegiatan "Perbaikan dan Penyempurnaan Mesin Embosser Braille, Braillo 400/200" kerjasama antara Departemen Teknik Elektro FTI-ITS dengan SLB-A YAPTI Makassar jl. Kapten Piere Tendean Blok M/7 Makassar. (<i>Expert in the Event "Repairment and Completion of Braille Embosser, Braillo 400/200", in Cooperation Between FTI-ITS Department of Electrical Engineering with YAPTI Special Education School for the Visually Impaired in Makassar, Makassar jl. Kapten Piere Tendean Blok M/7 Makassar</i>)
8	2016	Tenaga Ahli dalam Kegiatan "Perbaikan dan Penyempurnaan Mesin Embosser Braille, Braillo 400/200" kerjasama antara DTE-ITS dgn SLBN Center Payakumbuh, Sumbar. Kamis, 15 Des s/d Sabtu, 17 Des 2016. (<i>Expert in the Event "Repairment and Completion of Braille Embosser, Braillo 400/200", in Cooperation Between ITS Department of Electrical Engineering with the State Special Education School Center in Payakumbuh, West Sumatra. Thursday, 15 December – Saturday, 17 December 2016</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	Sistem Elektronik untuk Refreshable Braille dengan Fitur Suara dan Integrasi dengan Android (<i>Electronic System for Refreshable Braille with Sound Features & Integration with Android</i>)	8/1/2019	Jurnal Teknik ITS
2	Rancang Bangun Prototipe Sensor Pintar Wearable Berbasis Internet of Things untuk Monitoring Popok (<i>Prototype Design of Internet of Things-based Intelligent Wearable Sensor for Diaper Monitoring</i>)	8/1/2019	Jurnal Teknik ITS
3	Rancang Bangun Elektrokardiograf 12-Leads Untuk Sistem Pengawasan Kesehatan Jantung Jarak Jauh (<i>Design of 12-Leads Electrocardiograph for</i>	8/1/2019	Jurnal Teknik ITS

	<i>Remote Heart Health Monitoring System)</i>		
4	Rancang Bangun Kendali Kecepatan Treadmill Menggunakan ECG Yang Divisualisasikan Menggunakan Virtual Reality (<i>Design of Treadmill Speed Control using ECG that has been visualized with Virtual Reality</i>)	8/1/2019	Jurnal Teknik ITS
5	Automatic Self-checkout System Using SURF, Brute Force Matcher, and RFID for Payment Process Optimization at Supermarket	1/1/2019	IPTEK Journal of Proceedings Series
6	Autonomous Docking System untuk Mobile Robot Berbasis Citra pada Stasiun Pengisian Daya Nirkabel (<i>Autonomous Docking System for Imaging-based Mobile Robot on Wireless Power Charging Station</i>)	7/2/2019	Jurnal Teknik ITS
7	Perancangan Perangkat Antarmuka Berbasis Pengenalan Suara pada Purwarupa Mesin Cetak Huruf Braille ITS (<i>Design of Voice Recognition-based Device Interface on ITS Braille Printer Prototype</i>)	7/2/2019	Jurnal Teknik ITS

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			
2			
3			
4			
5			
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7			
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9			
10			
11			
12			

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			
2			
3			
4			
5			
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	MESIN CETAK BRAILLE (<i>Braille Printer</i>)	2019	International	P00201608742/ IDP000063834
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, 7 March 2021



TASRIPAN, IR.,MT.