

CURRICULUM VITAE

Personal Identity

Full Name (with title)	Yuri Pamungkas, S.Tr.T., M.T.
Staff ID Number	
National Lecture Identification Number	0006019601
Functional Position	
Structural Position	
Date of Birth	Pacitan, 6 Januari 1996
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Organizational Membership	(Institute of Electrical and Electronics Engineers) IEEE Member (Healthcare Information and Management Systems Society) HIMSS Member

Education Background

	Bachelor's	Master's	Doctorate
College Name	Politeknik Elektronika Negeri Surabaya (PENS)	Institut Teknologi Sepuluh Nopember (ITS)	
Field of Study	Teknik Telekomunikasi	Electrical Engineering - Telematic	
Graduate Year	2019	2022	

Research Field

- Artificial Intellegent
- EEG Research
- IoT Research

Master Thesis : Pengenalan Emosi Senang dan Sedih Berdasarkan Time & Frequency Domain Pada Sinyal EEG

Undergraduate Thesis : Predeksi Kepadatan Lalu Lintas Jalan Raya Menggunakan Algoritma Jaringan Syaraf Tiruan (JST)

Scientific Writing Experience on Journal

No.	Year	Title	Journal
1	2022	Rule-based Disease Classification using Text Mining on Symptoms Extraction from Electronic Medical Records in Indonesian	Kinetik Journal
2	2022	Electronic medical record data analysis and prediction of stroke disease using explainable artificial intelligence	Kinetik Journal
3	2023	EEG Time-Frequency Domain Analysis for Describing Healthy Subjects and Stroke Patients during Stroke Rehabilitation Motion Tasks	IJASEIT

Oral Presentation / Conference

No	Conference/ Seminar	Title	Date and Place
1	2017 Seminar Nasional Teknologi Elektro Terapan	Desain Roadside Unit Untuk Pendeteksi Kepadatan Lalu Lintas Pada Sistem Komunikasi Infrastructure to Vehicle (I2V)	19-20 Oktober 2017, Malang
2	2021 2 nd International Conference on Smart and Innovation Agriculture	Data Analytics on the Effect of Climate Change to the Production of Fruit Plants During 2014-2020 in Malang District	3-4 November 2021, Yogyakarta
3	2021 4 th International Seminar on Research of Information Technology and Intelligent Systems (ISRITI)	EEG Data Analytics to Distinguish Happy and Sad Emotions Based on Statistical Features	16 Desember 2021, Yogyakarta
4	2022 1 st International Conference on Information System & Information Technology (ICISIT)	EEG-Based Statistical Analysis on Determining the Stress Mental State on Police Personnel	27-28 Juli 2022, Yogyakarta
5	2022 1 st International Conference on Information System & Information Technology (ICISIT)	Iris Grid Image Classification Using Naïve Bayes for Human Biometric System	27-28 Juli 2022, Yogyakarta
6	2022 14 th International Conference on Information Technology and Electrical Engineering (ICITEE), Yogyakarta, Indonesia	Classifying Stress Mental State by using Power Spectral Density of Electroencephalography (EEG)	18-19 October 2022
7	2022 9 th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2022)	Time and Frequency Domain Feature Selection Using Mutual Information for EEG-based Emotion Recognition	6-7 October 2022
8	2022 11 th Electrical Power, Electronics, Communications, Controls and Informatics Seminar (EECCIS)	Classifying Known/Unknown Information in The Brain using Electroencephalography (EEG) Signal Analysis	23-25 August 2022
9	2022 2 nd International Conference on Electrical and Information Technology	Comparison of EEG-Based Biometrics System Using Naive Bayes, Neural Network, and Support Vector Machine	15 – 16 September 2022

No	Conference/ Seminar	Title	Date and Place
10	2022 2nd International Seminar on Machine Learning, Optimization, and Data Science (ISMODE)	Classification of Emotions (Positive-Negative) Based on EEG Statistical Features using RNN, LSTM, and Bi-LSTM Algorithms	22-23 December 2022
11	2022 2nd International Seminar on Machine Learning, Optimization, and Data Science (ISMODE)	Implementation of Real-Time Sound Source Localization using TMS320C6713 Board with Interaural Time Difference Method	22-23 December 2022
12	2023 International Conference on Computer Science, Information Technology and Engineering (ICCoSITE)	Comparison of Human Emotion Classification on Single-Channel and Multi-Channel EEG using Gate Recurrent Unit Algorithm	16-17 February 2023
13	2023 International Conference on Computer Science, Information Technology and Engineering (ICCoSITE)	Data Analytics on EEG Signal Features to Distinguish Familiar and Unfamiliar Information in Human Brain Memory	16-17 February 2023
14	2023 IMT-GT International Conference on Mathematics, Statistics, and Their Applications (ICMSA)	Data Analytics Between Regional Minimum Wage and Poverty Rate Per Province in Indonesia	10 - 11 April 2023
15	2023 IMT-GT International Conference on Mathematics, Statistics, and Their Applications (ICMSA)	Classification of Sweet and Sour Taste Using Electroencephalography (EEG)	10 - 11 April 2023
16	2023 International Seminar on Intelligent Technology and Its Applications (ISITIA)	Investigation of Human Brain Waves (EEG) to Recognize Familiar and Unfamiliar Objects Based on Power Spectral Density Features	26 – 27 July 2023
17	The 8th International Conference on Electrical, Electronics and Information Engineering	Statistical Analysis to Reveal Factors Affecting Cryptocurrency Prices in Commodity Futures Trading and Stock Market	28 September 2023
18	2023 International Conference on Modeling & E-Information Research, Artificial Learning and Digital Applications (ICMERALDA)	Implementation of Fuzzy Logic Control on the ESP32 Microcontroller for an Automatic Infusion Monitoring System	24-25 November 2023

Book

No.	Year	Title	Publisher
1.	2023	Mengenal & Memahami E-Health	ITSPress

Award

No.	Year	Title	Publisher
1.	2023	Peserta Terbaik PEKERTI Batch 12 UNAIR	UNAIR