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*Soeharwinto merupakan seorang dosen di Universitas Sumatera Utara dengan bidang ilmu Teknik Elektro. Beliau menyelesaikan pendidikan terakhirnya pada jenjang S2 di Fakultas Teknologi Industri Program Studi Teknik Elektro ITB pada tahun 1998.*

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## Publications

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2023

Prosiding seminar internasional

### **Design of Automatic Guitar Tuner using 8-bit Microcontroller**

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , FAHMI , LONGSER TAMPUBOLON

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2021

Prosiding seminar internasional

### **Re-programming Electronic Control Unit for Increase Torque and Power a Motorcycle**

SOEHARWINTO , IDHAM KAMIL , FERRY FACHRIZAL

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2021

Tulisan ilmiah

### **Impact humidity monitoring based watering to planted tomatoes**

SOEHARWINTO

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2020

Tulisan ilmiah

### **Software engineering taxonomy reviews**

SOEHARWINTO

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2020

Tulisan ilmiah

### **Node-based versus Server-based Data Validations in Internet of Things**

SOEHARWINTO

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2020

Tulisan ilmiah

### **Node-based versus Server-based Data Validations in Internet of Things Node-based versus Server-based Data Validations in Internet of Things**

SUHERMAN , SOEHARWINTO , NAEMAH MUBARAKAH

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2019

Prosiding seminar internasional

### **Evaluation of Proximate Composition and Color of Rabbit Feed with Combinations Moringa Leaves Flour and Guava Leaves Flour**

MOHAMMAD BASYUNI , HIMSAR AMBARITA , NURZAINAH GINTING , SOEHARWINTO , ZAHARI ZEN

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2019

Prosiding seminar internasional

### **Designing an IoT system for monitoring and controlling temperature and humidity in mushroom cultivation fields**

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , FAHMI , MUHAMMAD YASIR

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2019

Tulisan ilmiah

## **Fiber Optic Trainer for Link Budget Measurement Tool in Optical Communication System**

SOEHARWINTO

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2019

Prosiding seminar internasional

## **Benchmarking of Wireless Microcontroller-based Three Phase Multi Meter with Industrial Standard Instrument**

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , STIF AGRATH , Zulkarnaen Pane

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2018

Tulisan ilmiah

## **Automatic coffee roaster design using Arduino**

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , FAHMI , IKHSAN SIREGAR , AGUSTINUS PUTRAMAS

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2018

Prosiding seminar internasional

## **Inventory and projection of greenhouse gases emissions for Sumatera Utara Province**

SOEHARWINTO , HIM SAR AMBARITA , NURZAINAH GINTING , MOHAMMAD BASYUNI , ZAHARI ZEN

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2018

Prosiding seminar internasional

## **Inventory and Projection of Greenhouse Gases Emissions for Sumatera Utara Province**

HIM SAR AMBARITA , NURZAINAH GINTING , ZAHARI ZEN , SOEHARWINTO

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2018

Tulisan ilmiah

## **Design of river height and speed monitoring system by using Arduino**

SOEHARWINTO , TIGOR HAMONANGAN NASUTION , ESRA CHRISTIAN , Kasmir Tanjung

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2013

Tulisan ilmiah

## **MPLS Traffic Engineering on Tera Router Network using DWDM Transport Technology: a Study on Telkom's Speedy Traffic**

SOEHARWINTO

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