

Fwd: [SENER 2020] Submission ID 10

Leonardus Hermaditya <lexxyaditya@gmail.com>

Thu 29/10/2020 13:40

To: bayu@dosen.usd.ac.id <bayu@dosen.usd.ac.id>

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Dari: **SENER 2020** <senter@uinsgd.ac.id>

Date: Kam, 29 Okt 2020 00.19

Subject: [SENER 2020] Submission ID 10

To: <lexxyaditya@gmail.com>, <senter@uinsgd.ac.id>

Thank you for your submission to SENER 2020. Below is a copy of the information submitted for your records.

Submission ID: 10

Consent: I consent to the collection and use of my personal information, including receiving emails, consistent with the Privacy Policy linked above. I have also obtained the consent of all other individuals whose information I provide.

Title: SMS GATEWAY BASED OBJECT TILT MONITORING

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Topic(s): Information, Network and Computer Security

Keywords: Tilt, monitoring, gyroscope, long distance delivery.

Abstract: Every building or skyscraper in Indonesia or in the world is bound to experience a slope and changes in its foundation caused by natural phenomena such as earthquakes or changes in soil texture that are increasingly irregular. This situation is very dangerous for the occupants without realizing it, therefore it is necessary to have a tool to monitor the condition of the building itself so as not to endanger its occupants. Based on these problems, a research idea emerged "monitoring the tilt of objects based on sms gateway". This study aims to monitor a building or other objects such as tower poles that need supervision so that things do not happen. The sms gateway-based object tilt monitoring system is expected to be a solution in handling the tilt of objects from a distance. This research was created and designed using the ESP32 microcontroller, gyroscop sensor, and SIM900A as data transmission. The results showed that the information received represented the change in the angle of the physical building which was useful for knowing the physical changes in real-time. Besides that, the average sensitivity, accuracy, and specificity produced by the monitoring tool is more than 80%, while the precision produced is below 5%. So that the gyroscop sensor can be used as a fairly accurate tilt sensor.

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Fwd: Surat Penerimaan dan Undangan Pemakalah

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Leonardus Hermaditya

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Dari: SENTER UIN Sunan Gunung Djati Bandung

<senter@uinsgd.ac.id>

Date: Rab, 18 Nov 2020 08.39

Subject: Surat Penerimaan dan Undangan Pemakalah

To: <lexxyaditya@gmail.com>

Kepada Yth.

Pemakalah Seminar Nasional Teknik Elektro 2020 (SENTER 2020)

di Tempat

Terima kasih atas keikutsertaan anda dalam SENTER 2020, Prosiding SENTER 2020 adalah prosiding berkala bas

mempercepat publikasi prosiding secara online maka ada beberapa pemberitahuan yang kami sampaikan:

1. Kami lampirkan LoA penerimaan makalah anda untuk dipresentasikan pada SENTER 2020

2. Hasil review fullpaper akan dikirimkan pada e-mail terpisah.

3. Makalah hasil revisi dan camera ready harap dikirimkan paling lambat tanggal 30 November 2020 ke emai

4. Pembayaran harap segera dilakukan sebelum 23 November 2020 melalui Rekening Bank BNI 027696907

5. Lakukan konfirmasi pembayaran melalui link bit.ly/UploadBuktiDaftarSENTER2020

Adam Faroqi, MT.

Electrical Engineering Department

Faculty of Science and Technology



SEMINAR NASIONAL TEKNIK ELEKTRO 2019
UNIVERSITAS ISLAM NEGERI SUNAN GUNUNG DJATI
BANDUNG

Kampus UIN Sunan Gunung Djati Bandung, Jl. AH Nasution No 105, Bandung,
40614 website: <http://senter.ee.uinsgd.ac.id>



Nomor : 075/Un.05/SENER2020/XI/2020
Lampiran : -
Perihal : **Surat Penerimaan dan Undangan Pemakalah**

Bandung, 18 November 2020

Kepada
Yth. Bapak/Ibu Leonardus Hermaditya Chesa
(Universitas Sanata Dharma Yogyakarta)

Dengan Hormat,

Atas nama panitia Seminar Nasional Teknik Elektro (SENER) 2020, kami sampaikan terima kasih atas makalah yang telah Bapak/Ibu kirimkan kepada kami. Sehubungan dengan hal tersebut, makalah Bapak/Ibu yang berjudul:

“SMS GATEWAY BASED OBJECT TILT MONITORING”

dinyatakan **DITERIMA** dengan nomor ID **SENER20-010** untuk dipresentasikan pada SENER 2020 yang akan dilaksanakan pada :

Hari/Tanggal : Rabu, 25 November 2020
Tempat : Zoom
Waktu : 8:00 s/d selesai

Untuk itu, bapak/Ibu dipersilahkan untuk melakukan pembayaran sebesar Rp 100.000,- (Umum/Dosen) atau Rp. 50.000 (Mahasiswa) ke rekening: Nama Bank : Bank BNI

No. Rek : 0276969071
Nama. Rek : Eki Ahmad Zaki Hamidi

Batas akhir pembayaran adalah pada hari Senin, 23 Oktober 2020 jam 23:59 WIB. Bukti pembayaran dikirimkan via bit.ly/UploadBuktiDaftarSENER2020
Demikianlah surat pemberitahuan ini disampaikan, atas partisipasi Bapak/Ibu diucapkan terimakasih dan kami tunggu kehadirannya di Bandung.

Ketua Panitia,



Adam Faroqi, MT
NIP . 197405162009121001