

**LAPORAN PELAKSANAAN KONFERENSI “VIRTUAL”
International Conference on Expert Clouds and Applications
(ICOECA 2021)**

Organized by GITAM University, Bangalore, India.

18 - 19, February 2021



Oleh

Ir. Nizirwan Anwar, MT

**FAKULTAS ILMU KOMPUTER
UNIVERSITAS ESA UNGGUL
JAKARTA
2021**

KATA PENGANTAR

Dengan memanjatkan Puji Syukur atas Karunia-Nya dan Rahmat-Nya Allah SWT, alhamdulillah saya dapat melaksanakan dan menghadiri secara *virtual* (daring) yang diselenggarakan GITAM University, Bangalore, India pada tanggal 18 – 19 Februari 2021, **International Conference on Expert Clouds and Applications (ICOECA)**. Konferensi ini untuk berkontribusi hasil penelitian dan untuk menyajikan khazanah dengan ruang lingkup (*scope*) **“Artificial Intelligence, Big Data, Cloud Computing, Sustainability, Knowledge-based Expert Systems”**.

Pada acara konferensi internasional, saya mengirimkan dan merepresentasikan judul **“Infected Inflation And Symptoms Without The Impact Of Covid 19 With Ahp Calculation Method”**. Pembahasan dalam makalah ini adalah merancang sebuah informasi yang akan memudahkan dalam pengambilan keputusan *Analytical Hierarchy Process* (AHP) untuk melihat perkembangan virus yang terinfeksi dan OTG (orang tanpa Gejala). Penelitian ini menggunakan metode AHP yaitu metode pengambilan keputusan dengan melakukan perbandingan berpasangan antara kriteria seleksi dan juga perbandingan berpasangan antara pilihan yang tersedia. Sehingga data yang ditampilkan akan mengikuti informasi akan memberikan informasi kepada tenaga medis sesuai dengan kebutuhan, interaktif dan lebih efisien.

Kami mengucapkan banyak terima kasih kepada pihak Universitas Esa Unggul dan Yayasan Pendidikan Kemala Bangsa (YPKB) dan biro-biro terkait atas terlaksananya acara konferensi. Semoga hasil laporan pelaksanaan kegiatan konferensi dapat berguna untuk pihak-pihak yang mempunyai kepentingan dalam mengembangkan penelitian lebih lanjut.

Ir. Nizirwan Anwar, MT
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Fakultas Ilmu Komputer
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BAB I
PENDAHULUAN
INTERNATIONAL CONFERENCE ON EXPERT CLOUDS AND APPLICATIONS
(ICOECA) 2021

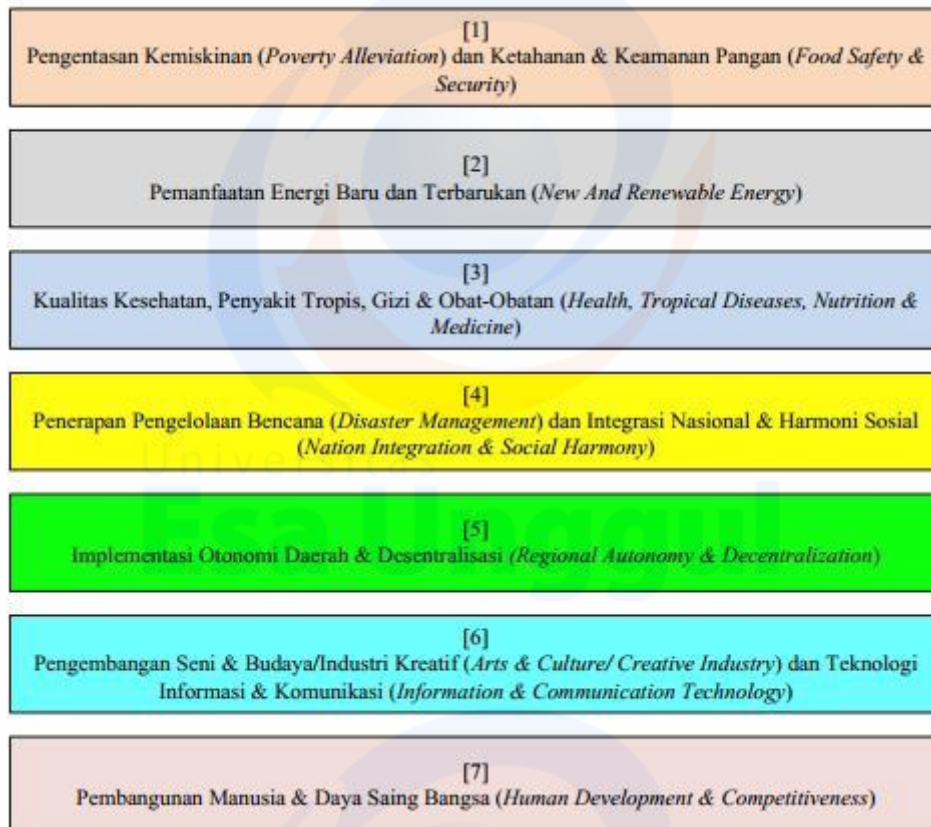


International Conference on Expert Clouds and Applications (ICOECA 2021) diselenggarakan pada tanggal 18-19 Februari 2021 oleh GITAM University, Bangalore India.. ICOECA 2021, dalam konferensi ini pihak penyelenggara menampung dan menyediakan bagi para ilmuwan dari seluruh dunia untuk berbagi ide dan pencapaian penelitian (teori/konsep dan praktik) di semua bidang sistem berkelanjutan (*sustainable*). Paparan presentasi bagi semua presenter memfokuskan pada sistem inovatif sebagai konsep yang menggabungkan penelitian teoritis dan aplikasi dalam komputasi berkelanjutan, komunikasi seluler, sistem informasi, dan teknologi Kecerdasan Buatan.

Event konferensi diatas tercermin dan bersinergi dengan point (2) dan (6), dan sesuai Rencana Induk Pengabdian Kepada Masyarakat Universitas Esa Unggul Tahun 2017 – 2021 tersusun dan disahkan melalui Surat Keputusan Rektor Universitas Esa Unggul Nomor 10/SK-R/UNIVERSITAS ESA UNGGUL/VII/2016 yang menetapkan bahwa RIP Universitas Esa Unggul berupaya menghasilkan Penelitian yang Sustainable, diharapkan dapat memberikan kontribusi terhadap Bangsa dan Negara. Berdasarkan kondisi sumberdaya, bidang keilmuan, dan analisis data hasil LPPM Universitas Esa Unggul maka RIP 2017 - 2021 menetapkan 7 (tujuh) bidang unggulan (gambar 1) yaitu :

- 1) Pengentasan Kemiskinan (*Poverty Alleviation*) dan Ketahanan & Keamanan Pangan (*Food Safety & Security*)
- 2) Pemanfaatan Energi Baru dan Terbarukan (*New And Renewable Energy*)

- 3) Kualitas Kesehatan, Penyakit Tropis, Gizi & Obat-Obatan (*Health, Tropical Diseases, Nutrition & Medicine*)
- 4) Penerapan Pengelolaan Bencana (*Disaster Management*) dan Integrasi Nasional & Harmoni Sosial (*Nation Integration & Social Harmony*)
- 5) Implementasi Otonomi Daerah & Desentralisasi (*Regional Autonomy & Decentralization*)
- 6) Pengembangan Seni & Budaya / Industri Kreatif (*Arts & Culture/ Creative Industry*) dan Teknologi Informasi & Komunikasi (*Information & Communication echnology*)
- 7) Pembangunan Manusia & Daya Saing Bangsa (*Human Development & Competitiveness*)



Gambar 1 Rencana Induk LPPM Universitas Esa Unggul Tahun 2017-2021

Dalam konferensi ini dibagi dalam 2 (dua) bagian

Bagian 1 (satu);

- Cloud-as-a-Service
- Cloud-centered sustainable networks
- Data & Storage Architectures
- Green data centers
- Architectures for data processing
- Big Data Analytics
- Data interoperability
- Intelligent optimization techniques and models
- Data security and privacy challenges
- Dynamic resource management techniques
- Data and sustainable information networks
- Sustainability for future computing frameworks
- Data simulation and modeling techniques
- Quality of Service
- Distributed and Parallel processing
- Sustainable cloud service automation
- Sustainable Edge-Cloud applications
- Innovative access control techniques
- Fault tolerance, flexibility, reliability and availability
- Industry and business specific cloud models

- Case studies and innovative applications

Bagian 2 (dua);

- Intelligent Information Systems
- Smart user interfaces
- Artificial Intelligence
- Expert Systems
- Machine learning
- Deep learning
- Knowledge-based systems
- Innovative knowledge discovery
- Computer and machine vision
- Web Intelligence
- Pervasive Computing
- Computational Intelligence models
- Problem Solving Models
- Intelligent search optimization
- Emotional intelligence
- Fuzzy sets
- Cybersecurity and risk assessment techniques
- Human-Computer Interaction techniques
- Multi-Agent Systems
- Natural Language Processing
- Cognitive Science
- Neural networks
- New algorithms and models
- Cyber-Physical Systems & IoT
- Smart healthcare
- Smart cities
- Smart networking environments

BAB II

PELAKSANAAN KEGIATAN ICOECA 2021

Beberapa tahun terakhir telah menyaksikan bahwa sistem berbasis pengetahuan memiliki kemampuan untuk menunjukkan tingkat kinerja kecerdasan yang lebih tinggi sebagai ahli manusia. Sistem pakar membantu memecahkan aplikasi waktu-nyata yang rumit secara komputasi dengan hanya memproses parameter pengetahuan yang dinyatakan secara eksplisit. Dengan teknologi baru seperti komputasi awan, IoT, komputasi berkelanjutan, sangat penting untuk memenuhi persyaratan kualitas sistem berbasis pengetahuan cerdas seperti sistem pakar. Penelitian yang muncul di bidang Kecerdasan Buatan, Sistem Pakar, dan teknologi komputasi mengubah lanskap Sistem Cerdas dalam aplikasi waktu nyata. Konferensi Internasional tentang Awan Ahli dan Aplikasi [ICOECA 2021] ini semata-mata didedikasikan untuk menemukan wawasan penelitian baru tentang Kecerdasan Buatan, Data Besar, Komputasi Awan, Keberlanjutan, Sistem Pakar berbasis Pengetahuan. Selain itu, konferensi ini mencari pengajuan penelitian potensial dari semua aspek termasuk domain teoritis, praktis, dan eksperimental yang berkaitan dengan sistem pakar, cloud berkelanjutan, dan teknologi Artificial Intelligence [AI].

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BAB III HASIL KEGIATAN ICOECA 2021

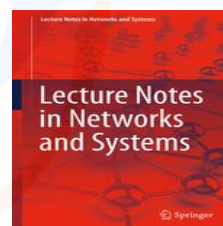
Dalam kegiatan ini berkesempatan dan menghadiri, saya juga berpartisipasi sebagai peserta oral presentasi dengan judul paper INFECTED INFLATION AND SYMPTOMS WITHOUT THE IMPACT OF COVID 19 WITH AHP CALCULATION METHOD”.

2.45 PM TO 3.00 PM	INFECTED INFLATION AND SYMPTOMS WITHOUT THE IMPACT OF COVID 19 WITH AHP CALCULATION METHOD NIZIRWAN ANWAR , AHMAD HOLIDIN, GALANG ANDIKA, HARCO LESLIE HENDRIC SPITS WARNARS
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kegiatan presentasi masing-masing dibeirkan waktu 15 menit, dimana terdiri dari 7-10 menit presentasi dan 10 menit diskusi dari paper yang telah dipresentasikan. Moderator dan penyanggah juga memberikan masukan dan diskusi tentang penelitian yang saya lakukan. Mereka (panitia dan peserta) meminta saya menjelaskan tahapan penelitian sehingga dalam menuangkan dalam suatu artikel ilmiah yang diberikan adalah masukan tentang metode yang akan dijabarkan didalam full text paper. Rencana konferensi berikutnya telah direncanakan 2nd International Conference on Expert Clouds and Applications (ICOECA) GITAM School of Technology, Bangalore.tanggal 3 – 4 Februari 2022 akan diadakan di India dengan memiliki banyak kesempatan ke depan. Informasi lebih lanjut tentang acara konferens akan diberikan melalui surel dan laman.

Conference Information

Submission Deadline	Tuesday 15 Dec 2020	Proceedings indexed by : 
Conference Dates	Feb 18, 2021 - Feb 19, 2021	
Conference Address	Bangalore, India 	
Conference & Submission Link	http://icoeca.com/index.html	



Leaflet Konferensi

ABOUT THE CONFERENCE

Recent years have witnessed that the knowledge-based systems have the ability to exhibit a higher level of intelligent performance as human experts. Expert systems help to solve the computationally complicated real-time applications by processing only the explicitly stated knowledge parameters. With new technologies like cloud computing, IoT, Sustainable computing it has been critical to meet the quality requirements of intelligent knowledge-based systems like expert systems. This International Conference on Expert Clouds and Applications [ICOECA 2021] is solely dedicated to discovering the new research insights on Artificial Intelligence, Big Data, Cloud Computing, Sustainability, Knowledge-based Expert Systems. Moreover, the conference seeks potential research submissions from all aspects including theoretical, practical, and experimental domains that pertain to the expert systems, sustainable clouds, and Artificial Intelligence [AI] technologies.

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- Data Interoperability
- Intelligent Optimization Techniques and Models
- Data Security and Privacy Challenges
- Dynamic Resource Management Techniques
- Data and Sustainable Information Networks
- Sustainability for Future Computing Frameworks
- Data Simulation and Modeling Techniques
- Quality of Service
- Distributed and Parallel Processing
- Sustainable Cloud Service Automation
- Sustainable Edge-Cloud Applications
- Innovative Access Control Techniques
- Fault Tolerance, Flexibility, Reliability and Availability
- Industry and Business Specific Cloud Models
- Case Studies and Innovative Applications

TRACK 2

- Intelligent Information Systems
- Smart User Interfaces
- Artificial Intelligence
- Expert Systems
- Machine Learning
- Deep Learning
- Knowledge-based Systems
- Innovative Knowledge Discovery
- Computer and Machine Vision
- Web Intelligence
- Pervasive Computing
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- Intelligent Search Optimization
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Indian Listeners: INR. 7000

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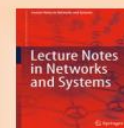
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ISSN: 2367-3370

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This is to certify that **Nizirwan Anwar**
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organized by the *Department of Computer Science and Engineering,
GITAM School of Technology, GITAM University, Bangalore, India*
on 18th and 19th February 2021

Title: **Infected Inflation and Symptoms Without The Impact of Covid 19 with Ahp
Calculation Method**

Authors: **Nizirwan Anwar, Ahmad Holidin, Galang Andika, Harco Leslie Hendric Spits
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Receipt #: **33** Date: **18th February, 2021**

Paper Title: **Infected Inflation and Symptoms Without The Impact of Covid 19 with Ahp
Calculation Method**

Author(s): **Nizirwan Anwar, Ahmad Holidin, Galang Andika, Harco Leslie Hendric Spits
Warnars**

Amount in words: **One Hundred and Fifty Dollars**

Amount: **\$150/-**

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Letter of Acceptance

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ACCEPTANCE LETTER		
Paper ID	:	ICOECA049
Paper Title	:	Infected Inflation And Symptoms Without The Impact Of Covid 19 With Ahp Calculation Method
Author/s	:	<u>Nzirwan Anwar</u>, <u>Ahmad Holidin</u>, <u>Galang Andika</u>, <u>Harco Leslie Hendric S. Warnars</u>
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Conference Dates: 18-19, February 2021

Organized by: GITAM School of Technology, Bangalore

**SCHEDULE FOR ACCEPTED AND REGISTERED
PAPERS**

18th February 2021

9.30 am-10.30 am-Inauguration & Keynote
Address

10.15am-10.45 am-Tea Break

10.30am-12.30 pm-Session I

12.30pm-1.30 pm-Lunch Break

01.30pm-03.30 pm-Session II

3.30pm - 3.45pm - Session Break

03.30pm-05.00 pm-Session III

4.00pm-5.00pm - Valedictory Function

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-II || Parallel Session-II
18th February 2021 || 1.30am-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 PM TO 1.45 PM	BLOCKCHAIN TECHNOLOGY AND ACADEMIC CERTIFICATE AUTHENTICITY-REVIEW KUMUTHA.K, DR.S.JAYALAKSHMI
1.45 PM TO 2.00 PM	WORD SIGNIFICANCE ANALYSIS IN DOCUMENTS FOR INFORMATION RETRIEVAL BY LSA AND TF-IDF USING KUBEFLOW ASEEM PATIL
2.00 PM TO 2.15 PM	A DETAILED SURVEY ON DEEP LEARNING TECHNIQUES FOR REAL TIME IMAGE CLASSIFICATION, RECOGNITION AND ANALYSIS K.KISHORE KUMAR, H.VENKATESWERAREDDY
2.15 PM TO 2.30 PM	POLE LINE FAULT DETECTOR WITH SOPHISTICATED MOBILE APPLICATION K.N. THIRUKKURALKANI, ABARNA K, MONISHA M, NIVEDA A
2.30 PM TO 2.45 PM	LEARNING OF ADVANCED TELECOMMUNICATION COMPUTING ARCHITECTURE BASED FEMTO GATEWAY FRAMEWORK P. SUDARSANAM, DWARAKANATHA GV, ANAND R, HECATE SHAH, JAYASHREE C S
2.45 PM TO 3.00 PM	INFECTED INFLATION AND SYMPTOMS WITHOUT THE IMPACT OF COVID 19 WITH AHP CALCULATION METHOD NIZIRWAN ANWAR, AHMAD HOLIDIN, GALANG ANDIKA, HARCO LESLIE HENDRIC SPITS WARNARS
3.00 PM TO 3.15 PM	SMARTPHONE APPLICATION USING FINTECH IN JAKARTA TRANSPORTATION FOR SHOPPING IN THE MARKETPLACE DIANA TERESIA SPITS WARNARS, ERSA ANDHINI MARDIKA, ADRIAN RANDY PRATAMA, M. NAUFAL MUA'AZI, ERICK ADRIAN RANDY PRATAMA, HARCO LESLIE HENDRIC SPITS WARNARS
3.15 PM TO 3.30 PM	EXPERT SYSTEM FOR DETERMINING WELDING WIRE SPECIFICATION USING NAÏVE BAYES CLASSIFIER DIDIN SILAHUDIN, LEONEL LESLIE HENY SPITS WARNARS, HARCO LESLIE HENDRIC SPITS WARNARS

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Telah mengikuti dan mempresentasikan paper pada "**International Conference on Expert Clouds and Applications (ICOECA 2021)**" yang diselenggarakan oleh Department of Computer Science and Engineering, GITAM School of Technology, GITAM University, Bangalore, India pada tanggal 18 - 19 Februari 2021.

Demikianlah surat keterangan ini dibuat agar dapat dipergunakan sebagaimana mestinya.

Jakarta, 9 Maret 2021
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Habibullah Akbar, S.Si, M.Sc, Ph. D
NIK. 218030726

Infected Inflation And Symptoms Without The Impact Of Covid 19 With Ahp Calculation Method

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Abstract. Indonesia is one of the corona virus-positive countries (Covid-19). The first case that occurred in the country happened to two residents of Depok, West Java. This was announced by President Joko Widodo directly at the Presidential Palace. Since it broke out in December 2019 until now, a new type of coronavirus has made people worry about coughing or sneezing. Imagine, the virus that causes Covid-19 is transmitted through droplets or droplets of particles from coughing, sneezing, or when talking. The discussion in this paper is to design a piece of information that will facilitate the decision of the Analytical Hierarchy Process (AHP) to see the development of infected viruses and OTG (People without Symptoms). This study uses the Analytical Hierarchy Process (AHP) method is a method of decision making by making pairwise comparisons between the selection criteria and also pairwise comparisons between available choices. So that the data displayed will be following the information will give the medical staff information according to the needs, interactive and more efficient.

Keywords: Analytical Hierarchy Process, Decision Support Systems, web-based application, Covid-19, information systems, modeling systems.

1 Introduction

In the early 2020s, the world was shocked by the coronavirus outbreak (Covid-19)

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Ascc. Prof. Nizirwan Anwar

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SIMLITABMAS



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Salam Hormat,
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Nizirwan Anwar (424075401)
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